A46 Newark Bypass

TR010065/APP/6.3

6.3 Environmental Statement

Appendix 7.4 Arboricultural Impact Assessment

Part 1

APFP Regulation 5(2)(a)

Planning Act 2008

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

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

A46 Newark Bypass

Development Consent Order 202[x]

ENVIRONMENTAL STATEMENT

APPENDIX 7.4 ARBORICULTURAL IMPACT ASSESSMENT

PART 1

Regulation Number:	Regulation 5(2)(a)
Planning Inspectorate Scheme Reference	TR010065
Application Document Reference	TR010065/APP/6.3
Author:	A46 Newark Bypass Project Team, National Highways

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Contents

1 Introduction

1.1 Background and scope of works

1.1.1 As part of the A46 Newark Bypass (the Scheme), arboricultural surveys were undertaken to inform the baseline and subsequently the impact assessments reported in Chapter 7 (Landscape and Visual Effects) and Chapter 8 (Biodiversity) of the Environmental Statement (ES**) (TR010065/APP/6.1)**.

1.1.2 Chapter 2 (The Scheme) of the ES **(TR010065/APP/6.1)** provides the background and a description of the Scheme.

1.1.3 This report is designed to meet the following objectives:

- To set out the constraints to development posed by existing tree stock.
- To identify trees or areas of arboricultural significance.
- To support the ES for the Scheme in relation to minimising or avoiding impact on trees.
- To present the findings of the tree surveys which have been undertaken by the Applicant. It is a Scheme-wide assessment of trees recorded within and adjacent to the Order Limits, where access was permitted.

1.1.4 The trees, woodlands, and hedgerows have been recorded in accordance with the British Standard BS5837:2012 'Trees in Relation to Design, Demolition and Construction – Recommendations' to provide information on the trees within the Order Limits.

1.1.5 The Scheme is a Nationally Significant Infrastructure Project (NSIP). Therefore, an application for development consent has been submitted to the Secretary of State under Section 37 of the Planning Act 2008 to seek consent to build the Scheme.

1.2 Tree assessment methodology

1.2.1 The surveys by the Applicant recorded the trees, woodlands, and hedgerows in accordance with the British Standard BS5837:2012[1] to provide information on the trees within the Order Limits and on trees that are outside the Order Limits but have a root protection area (RPA) that extends into the Order Limits.

[1] British Standard BS 5837:2012 Trees in Relation to design, demolition and construction – Recommendations; April 2012; ISBN 978 0 580 69917 7.

1.2.2 The survey process categorises the trees on-site using the *BS 5837:2012* tree quality assessment criteria provided within Appendix A and Appendix B of this report. Trees are then assessed to determine which are appropriate for retention and the options for incorporating these trees within the developed landscape are reviewed.

1.2.3 The tree data contained within the Tree Survey Schedules (TSS) (Appendix C and Appendix D) was recorded by visual survey from ground level and no invasive tree inspection measures were employed.

1.2.4 The locations of individual trees and the start and end points of groups/hedgerows were plotted using Field Maps GIS data capture software or Proprietary GIS data capture software.

1.2.5 The Field Maps GIS data capture software was used for recording the additional survey data. Distances were recorded using a standard metric tape measure where appropriate and stem diameter was recorded using a diameter tape. Tree height was estimated to the nearest metre.

1.2.6 In addition to individually recorded trees, where appropriate, trees growing as a group, hedgerow, or woodland have been identified and assessed as such. *BS 5837:2012* defines the term group as 'trees that form cohesive arboricultural features either aerodynamically (e.g., trees that provide companion shelter), visually (e.g., avenues or screens) or culturally including for biodiversity (e.g., parkland or wood pasture)'. Measurements are from the largest tree within the feature.

1.2.7 The full TSS, categorisation of the trees in their existing context and Root Protection Area (RPA) dimensions are stated in Appendix C and D (to be read in conjunction with the Key to Tree Survey Schedule, Appendix A and *BS 5837:2012* Cascade chart for tree quality assessment, Appendix B) of this report.

1.3 Limitations of the survey

1.3.1 The assessment of the trees is based upon a visual inspection only. Trees are living organisms whose health, condition and structure can change over time.

1.3.2 The survey method for Part 1 of the survey (Appendix C; survey data collected in 2021) has recorded a slightly less rigorous set of data than Part 2 (Appendix D; survey data collected in 2022/2023). Specifically, the crown height at each cardinal direction, the number of stems for groups, hedges, and woodlands, and no display of RPAs of trees recorded as category U were recorded during Part 1 of the surveys. The less rigorous data set does not present any substantial issues since this data is not essential to adequately inform the Arboricultural Impact Assessment or the construction methodology.

The information recorded in Part 1 of the survey has predominately been incorporated into this report unamended, however in several instances amendments have been made. These amendments are in the form of the additional trees/extensions of hedges H010, H017, H063, H254 and groups G045, G061, G089, G102, G155, G209, G210 and G244.

1.3.3 The position of trees recorded on site during Part 1 of the survey could not be validated during the 2022-23 ground truthing survey due to the lack of topographical data. However, minor inaccuracies in plotted tree positions do not adversely affect the conclusions within this report.

1.3.4 The RPAs of veteran trees T038, T136, and T139 had been calculated as 12 times the stem diameter during Part 1 of the survey. The RPAs for these trees have subsequently been amended to 15 times the stem diameter in the TPPs and TCPs per “standing advice” provided by Natural England and the Forestry Commission[2]. The RPA radius for T038 is 25.5 metres, T136 is 19.5 metres, and T139 is 22.5 metres.

1.3.5 The tree labeled as T282 during the Part 1 survey has been included in the neighboring group - G244 on the TSS.

1.3.6 The trees constituting G089 were recorded individually on the plans during the Part 1 survey (G089a – G089k) but have been included only as G089 in the TSS.

1.3.7 G041 was labelled as a group of trees during the Part 1 survey but has seen been clarified as being an individual tree.

1.3.8 The Tree Preservation Order (TPO) data supplied by Newark & Sherwood District Council has been incorporated into the Tree Constraints Plans (TCPs) (Appendix E.1 of this report) and Tree Protection Plans (TPPs) (Appendix E.2 of this report) unamended. In several locations, the TPO data appears to be marginally misaligned. In areas where the TPO location appears misaligned, trees assumed to be encompassed by the Order Limits have been identified as such within the “Actions Table” (Table 3-2). During the construction phase, if any discrepancies or uncertainties arise surrounding TPOs, the Scheme arboriculturist and/or the Local Authority Tree Officer would be contacted.

1.3.9 No topographical survey information was available for the site at the time of the surveys. Trees were therefore plotted on the base plans provided with their approximate positions determined by GPS (not guaranteed to less than 5 metre accuracy) and/or existing site features. These locations were verified using Atlas aerial imagery and National Tree Mapping (NTM) data provided by BlueSky Ltd.

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

1.3.10 Since the completion of the arboricultural surveys, topographical information depicting accurate tree positions has been provided, therefore, further confirming positional accuracy of the data; no significant accuracy issue was detected. Therefore, no further site visit to validate this information was considered necessary.

1.3.11 This report provides comment on the general quality of the trees within the Order Limits but is not, nor should be taken to be, a full or thorough assessment of the health and safety of trees on or adjacent to the site.

1.3.12 Previous management and/or surveys in relation to the health and safety of trees on site have not been considered as part of this report. Trees are living organisms whose health, condition and structure can change over time.

1.3.13 Where trees are located on land with limited or no access, assessments have been made from the closest available viewpoint. A description of the trees/groups has been recorded within the TSS (Appendix C and D of this report), along with an estimate of the tree dimensions required as part of *BS 5837:2012*.

1.3.14 The Order Limits have evolved as the Scheme design has progressed. In some instances, the Order Limits at earlier stages of the Scheme design covered a much larger area than currently presented and so the original survey scope also covered a much larger area than the current Order Limits and associated survey buffer (trees that are outside the Order Limits but have an RPA that extends to within the Order Limits). Where survey data is available for this wider area, now outside the Order Limits and survey buffer, the data has been presented for completeness.

2 Summary of existing trees and related policy

2.1 National policy

2.1.1 Ancient Semi Natural Woodland (ASNW), Planted Ancient Woodland Sites (PAWS) and veteran trees are afforded the same protection by means of the planning system, in particular paragraph 5.32 of the National Policy Statement for National Networks (NPSNN)[3] and paragraph 186(c) of the National Planning Policy Framework (NPPF).[4]

2.1.2 Paragraph 5.32 of the NPSNN states "*ancient woodland is a valuable biodiversity resource both for its diversity of species and for its longevity as woodland. Once lost it cannot be recreated. 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 the loss of aged or veteran trees found outside ancient woodland, unless the national need for and benefits of the development, in that location, clearly outweigh the loss. Aged or veteran trees found outside ancient woodland are also particularly valuable for biodiversity and their loss should be avoided. Where such trees would be affected by development proposals, the applicant should set out proposals for their conservation or, where their loss is unavoidable, the reasons for this*."

2.1.3 Paragraph 186(c) of the NPPF states "*when determining planning applications, local planning authorities should apply the following principles: c) development resulting in 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 and a suitable compensation strategy exists*."

2.2 Tree Preservation Orders and Conservation Areas

2.2.1 The primary measures which provide statutory protection to trees are TPOs and Conservation Area (CA) status. Where present, these measures determine that either notification to the Local Planning Authority (LPA) for CA designations, or consent from the LPA for TPO designations is required for any works that may affect trees or tree groups.

[3] National Policy Statement for National Networks available at: National Policy Statement for National Networks (publishing.service.gov.uk) (Last accessed December 2023).

[4] Department for Levelling Up, Housing & Communities (December 2023). National Planning Policy Framework [online] available at: National Planning Policy Framework (publishing.service.gov.uk) (last accessed March 2024).

2.2.2 Permission is not needed where tree work is required to implement an approved planning application, or where statutory rights overrule a TPO.

2.2.3 The proposed works fall within the administrative boundaries of Newark & Sherwood District Council. A review of the TPO and Conservation Area data provided by Newark & Sherwood District Council in 2021 has confirmed that the Scheme is in the proximity of several TPOs and CAs.

2.2.4 Statutory designations including CAs and TPOs within the Order Limits are highlighted and labelled in the TCPs and TPPs (Appendix E of this report).

2.3 Ancient woodland

2.3.1 A review of the Department for Environment Food and Rural Affairs (Defra) MAGIC (Multi-agency geographic information for the countryside) online map application[5] on the 13 February 2023 has confirmed that no ancient woodland is located within or adjacent to the Order Limits. Arboricultural and ecological surveys by the Applicant have also not identified any ancient woodland within 1 kilometre of the Order Limits, as detailed within Chapter 8 (Biodiversity) of this ES **(TR010065/APP/6.1)**.

2.4 Ancient, veteran, and notable trees

2.4.1 A review of the Woodland Trust's Ancient Tree Inventory website has been undertaken to locate records of ancient, veteran, and notable trees within the Order Limits. No record of these trees within the Order Limits.

2.4.2 Eight veteran trees (T038, T136, T139, T624, T651, T669, T840, and T841) have been identified during the arboricultural surveys, four of which are within the Order Limits - T038 (Appendix E.1 Sheet 12 of 21 and Appendix E.2 Sheet 12 of 21), T136 (Appendix E.1 Sheet 08 of 21 and Appendix E.2 Sheet 08 of 21), T139 (Appendix E.1 Sheet 08 of 21 and Appendix E.2 Sheet 08 of 21), and T651 (Appendix E.1 Sheet 15 of 21 and Appendix E.2 Sheet 15 of 21).

2.4.3 Veteran trees are specifically noted in the A3 category on the *BS 5837:2012* cascade chart (Appendix B).

2.4.4 The Ancient Tree Forum states *"unlike an ancient tree, a veteran tree can be any age, but it is a tree which shows ancient characteristics"*[6].

[5]Department for Environment Food and Rural Affairs (Defra), Multi-Agency Geographic Information for the Countryside (MAGIC) available at: Magic Map Application (defra.gov.uk) (Last accessed December 2023).

[6] What are ancient & veteran trees | Ancient Tree Forum

This statement has been the basis for veteran tree classification within this survey.

2.4.5 Those individual trees that have been classified as veteran specimens as part of this assessment are referenced as 'Veteran' within the life stage classification column of the TSS (Appendix C and D). To assist with identification, they are blocked in yellow on the TCPs and TPPs (Appendix E).

2.5 Habitats

2.5.1 A review of the Defra MAGIC online map application on the 13 February 2023 identified several areas within the Order Limits classified as Priority Habitats (the most threatened semi-natural habitats and requiring conservation action under the UK Biodiversity Action Plan (UK BAP)). UK BAP was succeeded by the 'UK Post-2010 Biodiversity Framework' and consequently Priority Habitats were superseded by habitats of principal importance (HPI) for the conservation of biodiversity, under section 41 of The Natural Environment and Rural Communities (NERC) Act 2006 (as amended by the Environment Act 2021). Habitats within the study area were identified, classified, and mapped in accordance with the Handbook for Phase 1 Habitat Survey[7] as detailed in Appendix 8.1 (Extended Phase 1 Habitat Technical Report) of the ES Appendices **(TR010065/APP/6.3)**. The Phase 1 Habitat system for classifying habitats has been converted into 'UK Habs' categories to be used in the Natural England Biodiversity Metric. Further details are provided within Appendix 8.14 (Biodiversity Net Gain Technical Report) of the ES Appendices **(TR010065/APP/6.3)**. Following ground-truthed surveys (visits to verify desk study data) of the Priority Habitats identified on MAGIC, three have been confirmed as HPIs which pertain to trees, all of which are classified as lowland mixed deciduous woodlands. Where possible these habitats should be preserved and enhanced in accordance with the NPPF paragraph 185(b) and NPSNN section 5.32.

2.5.2 The HPI locations are in Table 2-1 below. Further details are shown in Appendix 8.2 (National Vegetation Classification Technical Report) Appendix D (Habitats of Principal Importance) of the ES Appendices **(TR010065/APP/6.3)**.

[7] JNCC (2010) Handbook for Phase 1 Habitat Survey - a technique for environmental audit [online] Available at: Handbook for Phase 1 Habitat Survey (jncc.gov.uk) (Last accessed December 2023).

Table 2-1: Newark Bypass – Habitats of Principle Importance

Broad habitat type	Relevant feature(s)	Location and description of habitat present
Lowland mixed deciduous woodland	G042, G044, G045, G046, G047, G050, and G051.	Located immediately adjacent to the existing A46, at the Friendly Farmer Roundabout, north-east of the Order Limits at (central OS national grid reference SK 81477 56012). The canopy was comprised of horse chestnut (*Aesculus hippocastanum*), common ash (*Fraxinus excelsior*), wild cherry (*Prunus avium*), sessile oak (*Quercus petraea*) and pedunculate oak (*Quercus robur*). Ground flora included cleavers (*Galium aparine*) and common nettle (*Urtica dioica)*.
Lowland mixed deciduous woodland	G131, W133, T134, T135, T136, T137, G138, T139, G140, and G141.	Woodland located immediately adjacent to the A46 and south of a large body of water on British Sugar land at (central OS national grid reference SK 79711 54739). This woodland comprises species including pedunculate oak, dogwood (*Cornus sanguinea*), hawthorn (*Crataegus monogyna*), hazel (*Corylus avellana*), privet (*Ligustrum vulgare*) and elder (*Sambucus nigra*). Ground flora present included wood avens (*Geum urbanum*) and bramble (*Rubus fruticosus* agg).
Lowland mixed deciduous woodland	W600, T438, T439, T440, T441, T442, T443, T453, T475, T476, T477, T478, T479, T480, T481, T482, T483, T484, G549, G557, and G558.	Deciduous woodland priority habitat is shown on the MAGIC website as overlapping wood pasture and parkland (another Priority Habitat). These habitats cannot overlap, and no habitat information is available for either Priority Habitat. Access was denied for further surveys planned to be undertaken during 2023 to document the species composition and to map a distinct boundary between HPIs.

2.6 Summary of existing tree quality and coverage

2.6.1 This section summarises the trees recorded within the Order Limits and identifies areas of arboricultural significance and should be read in conjunction with the TCPs (Appendix E of this report).

Trees associated with the existing A46

2.6.2 Due to the nature of the Scheme, a considerable number of trees which provide screening to the existing A46, were recorded as groups. Many of the surveyed groups adjacent to the A46 are predominated by common hawthorn, pedunculate oak, common ash, sycamore (*Acer pseudoplatanus*), common hazel, field maple (*Acer campestre*), goat willow (*Salix caprea*) and common lime (*Tilia x europaea*).

2.6.3 A wide variety of other species were recorded in proximity to the existing A46 and located in various settings, including within woodlands, hedges, groups, and as individual stand-alone trees. In

addition to the previously mentioned species, other species present includes Scots pine (*Pinus sylvestris*), crack willow (*Salix fragilis*), Norway maple (*Acer platanoides*), blackthorn (*Prunus spinosa*) English elm (*Ulmus minor*) common alder (*Alnus glutinosa*), silver birch (*Betula pendula*), and horse chestnut.

South of a large body of water on British Sugar land at central OS national grid reference SK 79711 54739

2.6.4 In this location resides two category A veteran trees (T136 and T139), three other category A trees, and several category B individual trees and groups. The veteran trees have significant heartwood decay, providing habitat for wildlife such as saproxylic invertebrates and saprotrophic fungi. In addition to the ecological value of the veteran trees, many other trees in this location support a wide range of fauna, lichen, and fungi, several of which may only be associated with long periods of continuity in their habitat.

Winthorpe Roundabout

2.6.5 A group of 25 Norway maple trees resides in the centre of the Winthorpe roundabout. This feature provides amenity value to the area, but the most valuable aspect is the ecological value in the form of a rookery within the tree canopies.

Trees associated with the Kelham and Averham Floodplain Compensation Area

2.6.6 Hedges and linear groups delineating the field boundaries are the dominant features in the Kelham and Averham Floodplain Compensation Area (FCA) (Appendix E.1 Sheet 20 of 21 and Appendix E.2 Sheet 20 of 21). However, the five woodlands (four category B and one category A) and several individual stand-alone category A trees are more prominent.

2.6.7 The species constitution of the hedges and linear groups are predominantly hawthorn, and the occasional crack willow, pedunculate oak, common ash, field maple, blackthorn, and goat willow. The species constitution of the woodlands is diverse, but common ash, pedunculate oak, English yew (*Taxus baccata*), and sycamore are the most common.

2.6.8 Several trees of exceptional arboricultural value were recorded, but the standout individual trees recorded in this location were three well-established giant sequoia (*Sequoiadendron giganteum*) T486, T487, and T488; and a mature pedunculate oak – T475, adjacent to the A617.

Totals

2.6.9 A total of 541 individual trees, nine woodlands, 386 tree groups and 90 hedges were recorded. Table 2-2 provides a summary of their quality and value as assessed in accordance with *BS 5837:2012*.

Table 2-2: A46 Newark Bypass – summary of BS5837 tree categories

Tree Category	Description	Total number surveyed
Category A	Trees or groups of high quality	54 individual trees, 3 woodlands, and 7 groups.
Category B	Trees or groups of moderate quality	300 individual trees, 6 woodlands, 183 groups and 9 hedges.
Category C	Trees or groups of low quality	172 individual trees, 194 groups and 81 hedges.
Category U	Trees or groups recommended for removal irrespective of any proposed development	15 individual trees, 2 groups.

3 Risks to trees

3.1 Risk to trees from construction activity

3.1.1 Trees can be easily damaged by construction processes, with both the tree roots and the main structure of a tree susceptible to a range of impacts. Root damage can affect the anchorage and stability of the tree, as well as preventing or inhibiting the absorption of water and nutrients. Damage to the trunk and branches leaves the tree more exposed to disease and decay.

3.1.2 Activities that can cause damage to tree roots include:

- Trenches
- Alterations in soil level
- Non-porous surfaces
- Compaction of soil
- Changes in soil hydrology
- Root exposure
- Soil pollution (i.e. oil spill, incorrect application of herbicide and/or other chemicals)
- Fires

3.1.3 Activities that can cause damage to tree stems include:

- Pressure from materials stored against trunks
- Physical impact from plant and equipment
- Incorrect pruning
- Exposure of bark or leaves to chemicals
- Damage to bark from mowers and strimmers

3.2 Root protection areas

3.2.1 Working anywhere in the vicinity of trees is likely to cause some root damage since in the order of 80% of the roots of any tree will occur within the upper 600 millimetres of the soil. Roots will spread out for a considerable distance from a tree and may be encountered at a distance beyond the canopy spread of a tree.

3.2.2 Where construction activities are proposed within the rooting zone of trees, the potential for considerable damage exists. Table 2 of *BS 5837:2012* prescribes a methodology for the calculation of a Root Protection Area (RPA). Table 3-2 Register of Environmental Actions and Commitments (REAC) of the First Iteration Environmental Management Plan (EMP) **(TR010065/APP/6.5)** contains a commitment that the RPA (calculated in accordance with the methodology Table 2 of BS5837: 2012) represents the minimum area

that should be retained undisturbed around a tree or trees for the avoidance of an unacceptable degree of root disturbance. References L2 and L6 of Table 3-2 REAC of the First Iteration EMP **(TR010065/APP/6.5)** contain details of these required mitigation measures.

3.2.3 The RPA represents the minimum area that should be retained undisturbed around a tree or trees for the avoidance of an unacceptable degree of root disturbance. The required RPA of a tree is calculated and typically plotted as a circle (or where appropriate as a square of equivalent area) to determine constraints or the location of the protective barrier. In certain circumstances the actual shape of this area may then be adjusted to take account of local topography or any existing site features that may serve as restrictions to 'normal' root development.

4 Arboricultural Impact Assessment

4.1 Actions

4.1.1 This section should be read in conjunction with the TPPs (Appendix E of this report). Requirements outlined in this report are captured in Table 3-2 REAC of the First Iteration EMP **(TR010065/APP/6.5)**.

4.1.2 To facilitate the development of the Scheme, the following arboricultural features will require removal.

Table 4-1: Summary of removals to facilitate proposal

Tree Category	Removals
Category A	Two individual trees and a section of 1 woodland.
Category B	Forty-seven individual trees, 45 groups, 1 hedge, a section of 1 woodland, a section of 35 groups, and a section of 4 hedges.
Category C	Sixteen individual trees, 52 groups, 12 hedges, a section of 21 groups, and a section of 17 hedges.
Category U	Three individual trees and 1 group.

Protection measures for Trees T038, T136, and T139

4.1.3 No veteran trees are expected to be lost as part of this Scheme however measures in accordance with *BS 5837:2012* must be undertaken to reduce potential impacts where construction activities conflict with the RPAs of veteran trees T038, T136 and T139. The following construction activities will conflict with their RPAs as stated below:

- Tree T038
  - proposed installation of drainage conflicts with 3% of RPA
  - proposed haul road footprint conflicts with 9% of RPA
- Tree T136
  - proposed earthworks footprint conflicts with 9% of RPA
  - proposed haul road footprint conflicts with 2.5% of RPA
- Tree T139
  - proposed earthworks footprint conflicts with 5% of RPA
  - proposed haul road footprint conflicts with 15% of RPA

4.1.4 It is anticipated that, with arboricultural supervision to ensure works are undertaken in line with best practice, the level of disturbance stated above can be tolerated by these trees.

4.1.5 The proposed temporary haul road will eventually be converted into a permanent maintenance track in the section adjacent to T136 and T139. Therefore, temporary barrier protection must be erected in accordance with *BS 5837:2012* and positioned to enclose the section of their RPAs outside the construction footprint, and the 'above ground' structure of the trees (refer to Appendix F for details of the *BS 5837:2012* default specification for protective barriers). The area within the protective barriers will be a Construction Exclusion Zone (CEZ) for the duration of the works. Areas within the RPAs required to facilitate construction operations must be installed with temporary ground protection to protect the RPA from damage, compaction, and disturbance (refer to Appendix F for details of the *BS 5837:2012* default specification for ground protection). This mitigation is secured through reference B17 of Table 3-2 REAC of the First Iteration EMP **(TR010065/APP/6.5)**.

4.1.6 Excavation works required for the drainage pipe installation within T038's RPA must be carried out with supervision from a competent arboriculturist and in accordance with the recommendations in *BS 5837:2012* (7.2) (refer to Section 5 Outline Arboricultural Method Statement of this report). This mitigation is secured through reference B17 of Table 3-2 REAC of the First Iteration EMP **(TR010065/APP/6.5)**.

4.1.7 Permanent ground protection will be required where the permanent maintenance track is within the RPA of T136 and T139. The ground protection specification for the maintenance track will be in accordance with the *BS 5837:2012* specification and be suited to distribute vehicle loads using the maintenance track without causing compaction within the RPA. This mitigation is secured through reference B17 of Table 3-2 REAC of the First Iteration EMP **(TR010065/APP/6.5)**.

4.1.8 Vertical pruning (<0.5 metres) of the southern side of T139's crown will be required to provide vertical clearance to facilitate plant access. This mitigation is secured through reference B17 of Table 3-2 REAC of the First Iteration EMP **(TR010065/APP/6.5)**.

4.1.9 The Scheme arboriculturist should provide supervision at three intervals during the development of the proposal when in proximity of veteran trees T038, T136, and T139. These intervals are detailed below and are also secured through reference B17 of Table 3-2 REAC of the First Iteration EMP **(TR010065/APP/6.5)**.

- Prior to the commencement of construction operations and following the installation of temporary protection measures
- During construction of the earthworks and adjacent haul road/maintenance track
- On completion of the construction operations in this location

4.1.10 Following project completion, annual inspections of T038, T136 and T139 to monitor the physiological condition and the condition and effectiveness of the permanent ground protection are recommended. This mitigation is secured through reference B18 of Table 3-2 REAC of the First Iteration EMP **(TR010065/APP/6.5).**

Kelham and Averham, Farndon East and Farndon West Floodplain Compensation Areas

4.1.11 Kelham and Averham FCA would be designed to drain into an existing highways and agricultural drain to the south of the FCA via a culvert under the A617. This agricultural/highways drain discharges into the River Trent.

4.1.12 Farndon East FCA would be designed and landscaped to be a permanent lake with grass planting around the edges where possible, which drains into the Old Trent Dyke.

4.1.13 The Farndon West FCA would be designed to comprise of residual ponds formed in post-borrow pit excavations with floodplain grazing marsh created in the northern extent of the site which will be permanently wetter.

4.1.14 Trees within all the FCAs are likely to be impacted by the construction works to create the FCAs (and borrow pits at Farndon East and West) and the expected flood events during operation. The flooded areas, and re-profiling on the perimeter of all the FCAs, must be at least 15 metres from the trees on the periphery of the FCA to remain outside of the RPAs of the surrounding trees. Extended periods of flooding may cause direct damage to trees in several ways, including changing soil conditions, creating anaerobic conditions interrupting normal oxygen and carbon dioxide exchange between trees and their environment, and physical damage.

4.1.15 The predominant species constitution of the trees within and on the periphery of the Farndon East and West FCAs is crack willow, a riparian species suited to areas proposed for flooding and should be retained where possible.

Summary of actions

4.1.16 Only trees, woodlands, hedges, and groups which have an action because of the Scheme (as set out below), or that the LPA have assigned a TPO or CA designation, have been listed. The actions table should be used in conjunction with the TPPs (Appendix E of this report).

4.1.17 A summary of the actions can be found in Table 4-2.

Table 4-2: Actions for the Scheme

Tree Ref	Species	Retention Category	TPO or Conservation Area	Action
T001	Common lime	C1	None	Fell – tree in conflict with the proposed works.
T002	Norway maple	B1	None	Fell – tree in conflict with the proposed works.
T003	Norway maple	B1	None	Fell – tree in conflict with the proposed works.
T004	Field maple	B2	None	Fell – tree in conflict with the proposed works.
G005	Norway maple	B2	None	Fell a section of the group – fell trees in conflict with the proposed works. Protect the retained section with temporary barriers in accordance with BS 5837. Supervision by the Scheme arboriculturist of the felling operations, following the installation of protection measures, during construction, and on completion of construction operations.
G006	Mixed group	C2	None	Fell – group in conflict with the proposed works.
H007	Mixed hedgerow	C2	None	Fell – hedge in conflict with the proposed works.
H008	Mixed hedgerow	C2	None	Fell – hedge in conflict with the proposed works.
G009	Mixed species	C2	None	Fell – group in conflict with the proposed works.
H010	Hawthorn	C2	None	Fell a section of the hedge – fell trees in conflict with the proposed works. Protect the retained section with temporary barriers in accordance with BS 5837.
H011	Hawthorn	C2	None	Fell – hedge in conflict with the proposed works.
G012	Mixed species	C2	None	Retain – protect with temporary barriers in accordance with BS 5837.
H013	Mixed hedgerow	C2	None	Fell – hedge in conflict with the proposed works.
H014	Mixed hedgerow	C2	None	Fell a section of the hedge – fell trees in conflict with the proposed works. Protect the retained section with temporary barriers in accordance with BS 5837.
G015	Apple	B2	None	Fell a section of the group – fell trees in conflict with the proposed works. Protect the retained section with temporary barriers in accordance with BS 5837.
G016	Mixed species	C2	None	Fell dead elm trees within falling distance of the public access. Fell a section of the group – fell trees in conflict with the proposed works. Protect the retained section with temporary barriers in accordance with BS 5837.
H017	Hawthorn	C2	None	Fell a section of the hedge – fell trees in conflict with the proposed

Tree Ref	Species	Retention Category	TPO or Conservation Area	Action
				works. Protect the retained section with temporary barriers in accordance with BS 5837.
H018	Mixed hedgerow	C2	None	Fell – hedge in conflict with the proposed works.
G019	Common ash	C2	None	Fell – group in conflict with the proposed works.
T020	Sycamore	B1	None	Fell – tree in conflict with the proposed works.
H021	Mixed hedgerow	C2	None	Fell – hedge in conflict with the proposed works.
G022	Mixed species	C2	None	Fell – group in conflict with the proposed works.
T023	Sycamore	B1	None	Fell – tree in conflict with the proposed works.
G024	Mixed species	B2	Yes (11/00100/TPO)	Fell dead trees within falling distance of the road. Fell a section of the woodland. Fell a section of the group – fell trees in conflict with the proposed works. Protect the retained section with temporary barriers in accordance with BS 5837. Supervision by the Scheme arboriculturist of the felling operations, following the installation of protection measures, during construction, and on completion of construction operations.
G024a	Field maple	B2	Yes (11/00100/TPO)	Retain – protect with temporary barriers and ground protection in accordance with BS 5837.
G024b	Sycamore	B2	Yes (11/00100/TPO)	Fell – tree in conflict with the proposed works.
G024c	Corsican pine	B2	Yes (11/00100/TPO)	Fell – tree in conflict with the proposed works.
G024d	Corsican pine	B2	Yes (11/00100/TPO)	Fell – tree in conflict with the proposed works.
G024e	Corsican pine	B2	Yes (11/00100/TPO)	Retain – protect with temporary barriers and ground protection in accordance with BS 5837.
G024f	Corsican pine	B2	Yes (11/00100/TPO)	Fell – tree in conflict with the proposed works.
G024g	Field maple	B2	Yes (11/00100/TPO)	Retain – protect with temporary barriers and ground protection in accordance with BS 5837.
G024h	Corsican pine	B2	Yes (11/00100/TPO)	Retain – protect with temporary barriers and ground protection in accordance with BS 5837.
G024i	Corsican pine	B2	Yes	Fell – tree in conflict with the proposed works.

Tree Ref	Species	Retention Category	TPO or Conservation Area	Action
			(11/00100/TPO)	
G024j	Corsican pine	B2	Yes (11/00100/TPO)	Fell – tree in conflict with the proposed works.
G024k	Corsican pine	B2	Yes (11/00100/TPO)	Fell – tree in conflict with the proposed works.
G024l	Corsican pine	B2	Yes (11/00100/TPO)	Fell – tree in conflict with the proposed works.
G024m	Sycamore	B2	Yes (11/00100/TPO)	Retain – protect with temporary barriers and ground protection in accordance with BS 5837.
G024n	Scots pine	B2	Yes (11/00100/TPO)	Retain – protect with temporary barriers and ground protection in accordance with BS 5837.
G024o	Common ash	B2	Yes (11/00100/TPO)	Retain – protect with temporary barriers and ground protection in accordance with BS 5837.
G024p	Corsican pine	B2	Yes (11/00100/TPO)	Fell – tree in conflict with the proposed works
G024q	Corsican pine	B2	Yes (11/00100/TPO)	Fell – tree in conflict with the proposed works.
G024r	Scots pine	B2	Yes (11/00100/TPO)	Retain – protect with temporary barriers in accordance with BS 5837.
G024s	Scots pine	B2	Yes (11/00100/TPO)	Retain – protect with temporary barriers in accordance with BS 5837.
G024t	Common oak	B2	Yes (11/00100/TPO)	Fell – tree in conflict with the proposed works.
T025	Common horse chestnut	B2	Yes (11/00100/TPO)	Fell – tree in conflict with the proposed works.
T026	Common oak	B1	Yes (11/00100/TPO)	Fell – tree in conflict with the proposed works.
H027	Mixed hedgerow	C2	Yes (11/00100/TPO)	Fell – hedge in conflict with the proposed works.
H028	Hawthorn	C2	None	Fell a section of the hedge – fell trees in conflict with the proposed works. Protect the retained section with temporary barriers in accordance with B S5837.
T029	Common oak	B1	None	Retain – protect with temporary barriers in accordance with BS 5837.

Tree Ref	Species	Retention Category	TPO or Conservation Area	Action
G030	Mixed species	C2	None	Fell a section of the group – fell trees in conflict with the proposed works. Protect the retained section with temporary barriers and ground protection in accordance with BS 5837.
G031	Mixed species	B2	None	Retain – protect with temporary barriers in accordance with BS 5837.
G031a	Downy birch	B2	None	Retain – protect with temporary barriers in accordance with BS 5837.
G031b	Downy birch	B2	None	Retain – protect with temporary barriers in accordance with BS 5837.
G031c	Common oak	B2	None	Retain – protect with temporary barriers in accordance with BS 5837.
G031d	Field maple	B2	None	Retain – protect with temporary barriers in accordance with BS 5837.
G031e	Field maple	B2	None	Retain – protect with temporary barriers in accordance with BS 5837.
G031f	Common oak	B2	None	Retain – protect with temporary barriers in accordance with BS 5837.
G031g	Field maple	B2	None	Retain – protect with temporary barriers in accordance with BS 5837.
G031h	Field maple	B2	None	Retain – protect with temporary barriers in accordance with BS 5837.
G031i	Turkey oak	B2	None	Retain – protect with temporary barriers in accordance with BS 5837.
G031j	Common oak	B2	None	Retain – protect with temporary barriers in accordance with BS 5837.
G031k	Downy birch	B2	None	Retain – protect with temporary barriers in accordance with BS 5837.
G031l	Field maple	B2	None	Retain – protect with temporary barriers in accordance with BS 5837.
G031m	Field maple	B2	None	Retain – protect with temporary barriers in accordance with BS 5837.
G031n	Scots pine	B2	None	Retain – protect with temporary barriers in accordance with BS 5837.
T032	Downy birch	U	None	Fell for reasons of sound arboricultural management.
T033	Common ash	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
H034	Mixed hedgerow	C2	None	Fell a section of the hedge – fell trees in conflict with the proposed works. Protect the retained section with temporary barriers and ground protection in accordance with BS 5837.
G035	Mixed species	B2	None	Retain – protect with temporary barriers in accordance with BS 5837.
G036	Mixed species	B2	Yes (Winthorpe Conservation Area)	Fell a section of the group – fell trees in conflict with the proposed works (felled trees are outside of the CA). Protect the retained section with temporary barriers and ground protection in accordance with BS 5837.
G037	Mixed species	B2	None	Fell a section of the group – fell trees in conflict with the proposed works. Protect the retained section with temporary barriers and ground protection in accordance with BS 5837.
T038	Common oak	A1	None	Retain – protect with temporary barriers and ground protection in

Tree Ref	Species	Retention Category	TPO or Conservation Area	Action
(Veteran tree)				accordance with BS 5837. Supervision by the Scheme arboriculturist following the installation of protection measures, during construction, and on completion of construction operations.
G039	Mixed species	C2	None	Fell a section of the group – fell trees in conflict with the proposed works. Protect the retained section with temporary barriers and ground protection in accordance with BS 5837.
T040	Common ash	B2	None	Retain – protect with temporary barriers and ground protection in accordance with BS 5837.
G041	Common ash	C1	None	Fell a section of the group – fell trees in conflict with the proposed works. Protect the retained section with temporary barriers in accordance with BS 5837.
G042	Mixed species	B2	None	Fell – group in conflict with the proposed works.
T043	Common ash	B1	None	Fell – tree in conflict with the proposed works.
G044	Hawthorn	C2	None	Fell – group in conflict with the proposed works.
G045	Mixed species	B2	None	Fell a section of the group – fell trees in conflict with the proposed works. Protect the retained section with temporary barriers in accordance with BS 5837.
G046	Mixed species	C2	None	Fell – group in conflict with the proposed works.
G047	Mixed species	B2	None	Fell – group in conflict with the proposed works.
G048	Mixed species	C2	None	Fell a section of the group – fell trees in conflict with the proposed works. Protect the retained section with temporary barriers in accordance with BS 5837.
G049	Mixed species	C2	None	Fell – group in conflict with the proposed works.
G050	Mixed species	B2	None	Fell a section of the group – fell trees in conflict with the proposed works. Protect the retained section with temporary barriers and ground protection in accordance with BS 5837.
G051	Mixed species	B2	None	Fell a section of the group – fell trees in conflict with the proposed works. Protect the retained section with temporary barriers and ground protection in accordance with BS 5837.
G052	Mixed species	C2	Yes (Winthorpe Conservation Area)	Retain – protect with temporary barriers in accordance with BS 5837.
T053	Common horse	B3	Yes (Winthorpe	Aerial inspection of main union at 2.5m with further recommendations

Tree Ref	Species	Retention Category	TPO or Conservation Area	Action
	chestnut		Conservation Area)	based on findings if public access is within 1.5x height of tree. Retain – protect with temporary barriers in accordance with BS 5837.
T054	Sycamore	C1	Yes (Winthorpe Conservation Area)	Retain – protect with temporary barriers in accordance with BS 5837.
H055	Hawthorn	B2	Yes (Winthorpe Conservation Area)	Fell a section of the hedge – fell trees in conflict with the proposed works (felled trees are outside of the CA). Protect the retained section with temporary barriers in accordance with BS 5837.
G056	Mixed species	C2	None	Retain – protect with temporary barriers in accordance with BS 5837.
G057	Mixed species	C2	None	Retain – protect with temporary barriers in accordance with BS 5837.
G058	Cherry spp	C2	None	Retain – protect with temporary barriers in accordance with BS5837
G059	Rowan	C2	None	Retain – protect with temporary barriers in accordance with BS 5837.
H060	Hawthorn	C2	None	Fell – hedge in conflict with the proposed works.
G061	Mixed species	C2	None	Fell a section of the group – fell trees in conflict with the proposed works. Protect the retained section with temporary barriers in accordance with BS 5837.
T062	Common alder	U	None	Fell for reasons of sound arboricultural management and in conflict with the proposed works.
H063	Mixed hedgerow	C2	None	Fell – hedge in conflict with the proposed works.
G064	Sycamore	B2	None	Fell – group in conflict with the proposed works.
G065	Mixed species	B2	None	Fell a section of the group – fell trees in conflict with the proposed works. Protect the retained section with temporary barriers in accordance with BS 5837.
G066	Mixed species	B2	None	Fell – group in conflict with the proposed works.
G067	Mixed species	B2	None	Fell – group in conflict with the proposed works.
G068	Mixed species	B2	None	Fell – group in conflict with the proposed works.
G068a	Sycamore	B2	None	Fell – tree in conflict with the proposed works.
G068b	Sycamore	B2	None	Fell – tree in conflict with the proposed works.
G068c	Sycamore	B2	None	Fell – tree in conflict with the proposed works.
G069	Mixed species	C2	None	Fell – group in conflict with the proposed works.
G070	Mixed species	C2	None	Fell – group in conflict with the proposed works.
G071	Mixed species	C2	None	Fell – group in conflict with the proposed works.
G072	Mixed species	B2	None	Fell – group in conflict with the proposed works.

Tree Ref	Species	Retention Category	TPO or Conservation Area	Action
T073	Whitebeam	C1	None	Fell – tree in conflict with the proposed works.
G074	Sycamore	C2	None	Fell – group in conflict with the proposed works.
G075	Mixed species	B2	None	Fell – group in conflict with the proposed works.
T076	Whitebeam	C1	None	Fell – tree in conflict with the proposed works.
G077	Mixed species	B2	None	Fell – group in conflict with the proposed works.
G078	Mixed species	C2	None	Fell a section of the group – fell trees in conflict with the proposed works. Protect the retained section with temporary barriers and ground protection in accordance with BS 5837.
H079	Mixed hedgerow	C2	None	Fell – hedge in conflict with the proposed works.
G080	Mixed species	B2	None	Fell – group in conflict with the proposed works.
T081	Common ash	B2	Yes (11/00100/TPO)	Fell – tree in conflict with the proposed works.
T082	Horse chestnut	C2	Yes (11/00100/TPO)	Fell – tree in conflict with the proposed works.
G083	Mixed species	B2	Yes (11/00100/TPO	Fell a section of the group – fell trees in conflict with the proposed works. Protect the retained section with temporary barriers and ground protection in accordance with BS 5837.
T084	Sycamore	B2	Yes (11/00100/TPO	Fell – tree in conflict with the proposed works.
G085	Mixed species	B2	Yes (11/00100/TPO)	Fell a section of the group – fell trees in conflict with the proposed works. Protect the retained section with temporary barriers in accordance with BS 5837.
T086	Common ash	B1	Yes (11/00100/TPO)	Fell – tree in conflict with the proposed works.
H087	Mixed hedgerow	B2	None	Fell a section of the hedge – fell trees in conflict with the proposed works. Protect the retained section with temporary barriers in accordance with BS 5837.
G088	Mixed group	B2	None	Fell – group in conflict with the proposed works.
G088a	Sycamore	B2	None	Fell – tree in conflict with the proposed works.
G088b	Sycamore	B2	None	Fell – tree in conflict with the proposed works.
G088c	Common oak	B2	None	Fell – tree in conflict with the proposed works.
G089	Mixed species	B2	None	Fell – group in conflict with the proposed works.
G090	Mixed species	C2	None	Fell – group in conflict with the proposed works.

Tree Ref	Species	Retention Category	TPO or Conservation Area	Action
H091	Hawthorn	C2	None	Fell – hedge in conflict with the proposed works.
T092	Common ash	B2	None	Fell – tree in conflict with the proposed works.
G093	Common lime	B2	None	Fell – group in conflict with the proposed works.
G094	Mixed species	B2	None	Fell – group in conflict with the proposed works.
G095	Mixed species	B2	None	Fell – group in conflict with the proposed works.
G096	Mixed species	C2	None	Fell – group in conflict with the proposed works.
G097	Mixed species	C2	None	Fell – group in conflict with the proposed works.
G098	Elm	U	None	Fell for reasons of sound arboricultural management and in conflict with the proposed works.
G099	Mixed species	C2	None	Fell – group in conflict with the proposed works.
G100	Mixed species	C2	None	Fell – group in conflict with the proposed works.
G101	Mixed species	C2	None	Fell a section of the group – fell trees in conflict with the proposed works. Protect the retained section with temporary barriers and ground protection in accordance with BS 5837.
G102	Mixed species	B2	Yes (11/00100/TPO)	Retain – protect with temporary barriers in accordance with BS 5837.
G103	Mixed species	C2	Yes (11/00100/TPO)	Fell a section of the group – fell trees in conflict with the proposed works. Protect the retained section with temporary barriers and ground protection in accordance with BS 5837.
G104	Mixed species	B2	None	Retain – protect with temporary barriers in accordance with BS 5837.
G105	Mixed species	C2	None	Fell a section of the group – fell trees in conflict with the proposed works. Protect the retained section with temporary barriers and ground protection in accordance with BS 5837.
T106	Common oak	B1	None	Retain – protect with temporary barriers in accordance with BS 5837.
G107	Mixed species	B2	None	Fell – group in conflict with the proposed works.
H108	Mixed hedgerow	B2	None	Fell – hedge in conflict with the proposed works.
G109	Common oak	B2	None	Fell – group in conflict with the proposed works.
G110	Field maple	C2	None	Fell – group in conflict with the proposed works.
G111	Hawthorn	C2	None	Retain – protect with temporary barriers in accordance with BS 5837.
G112	Mixed species	B2	None	Fell – group in conflict with the proposed works.
T113	White poplar	B2	Yes (11/00100/TPO)	Fell – tree in conflict with the proposed works.
G114	Mixed species	B2	None	Fell – group in conflict with the proposed works.
G115	Mixed species	B2	None	Fell a section of the group – fell trees in conflict with the proposed

Tree Ref	Species	Retention Category	TPO or Conservation Area	Action
				works. Protect the retained section with temporary barriers and ground protection in accordance with BS 5837.
G116	Mixed species	B2	None	Fell a section of the group – fell trees in conflict with the proposed works. Protect the retained section with temporary barriers and ground protection in accordance with BS 5837.
G117	Mixed species	B2	None	Fell – group in conflict with the proposed works.
G118	Mixed species	B2	None	Retain – protect with temporary barriers in accordance with BS 5837.
G119	Mixed species	B2	None	Retain – protect with temporary barriers in accordance with BS 5837.
H120	Hawthorn	C2	Yes (11/00100/TPO)	Retain – protect with temporary barriers in accordance with BS 5837.
G121	Mixed species	B2	None	- Prune for visibility splay. - Retain – protect with temporary barriers in accordance with BS 5837.
G122	Mixed species	B2	None	Retain – protect with temporary barriers in accordance with BS 5837.
G123	Mixed species	C2	None	Retain – protect with temporary barriers in accordance with BS 5837.
G124	Mixed species	B2	None	- Fell a section of the group – fell trees in conflict with the proposed works. - Prune for noise barrier installation. - Protect the retained section with temporary barriers in accordance with BS 5837.
G125	Mixed species	B2	Yes (11/00100/TPO)	Retain – protect with temporary barriers in accordance with BS 5837.
G126	Mixed species	B2	Yes (11/00100/TPO)	- Prune for noise barrier installation. - Retain – protect with temporary barriers in accordance with BS 5837.
T127	Common ash	C2	None	Fell – tree in conflict with the proposed works.
T128	Sycamore	C2	None	Fell – tree in conflict with the proposed works.
G129	Mixed species	B2	None	Fell a section of the group – fell trees in conflict with the proposed works. Protect the retained section with temporary barriers in accordance with BS 5837.
G129a	Common ash	C2	None	Retain – protect with temporary barriers in accordance with BS 5837.
G129b	Sycamore	C1	None	Fell a section of the group – fell trees in conflict with the proposed works. Protect the retained section with temporary barriers in accordance with BS 5837.

Tree Ref	Species	Retention Category	TPO or Conservation Area	Action
G129c	Crack willow	C3	None	Retain- protect with temporary barriers in accordance with BS 5837.
T130	Sycamore	U	None	Fell for reasons of sound arboricultural management.
G131	Mixed species	B2	Yes (11/00099/TPO)	Fell a section of the group – fell trees in conflict with the proposed works. Protect the retained section with temporary barriers and in accordance with BS 5837.
G132	Common elder	U	None	Fell for reasons of sound arboricultural management.
W133	Mixed species	A2	Yes (11/00099/TPO)	Fell a section of the woodland – fell trees in conflict with the proposed works. Protect the retained section with temporary barriers and ground protection in accordance with BS 5837. Supervision by the Scheme arboriculturist of the felling operations, following the installation of protection measures, during construction, and on completion of construction operations.
T134	Common ash	A3	None	Retain – protect with temporary barriers in accordance with BS 5837.
T135	Common ash	A2	None	Retain – protect with temporary barriers in accordance with BS 5837.
T136 (Veteran tree)	Common ash	A3	None	Retain – protect with temporary barriers and ground protection in accordance with BS 5837. Supervision by the Scheme arboriculturist following the installation of protection measures, during construction, and on completion of construction operations.
T137	Common ash	B3	Yes (11/00099/TPO)	Fell – tree in conflict with the proposed works.
G138	Mixed species	B2	Yes (11/00099/TPO)	Fell – group in conflict with the proposed works.
T139 (Veteran tree)	Common oak	A3	None	Retain – protect with temporary barriers and ground protection in accordance with BS 5837. Supervision by the Scheme arboriculturist following the installation of protection measures, during construction, and on completion of construction operations. Prune to lift the crown to 4.5m to provide aerial clearance.
G140	Mixed species	B2	Yes (11/00099/TPO)	Fell – group in conflict with the proposed works.
G141	Mixed species	B2	Yes (11/00099/TPO)	Fell a section of the group – fell trees in conflict with the proposed works. Protect the retained section with temporary barriers and ground protection in accordance with BS 5837.
G142	Mixed species	B2	Yes (11/00099/TPO)	Fell – group in conflict with the proposed works.
G143	Mixed species	B2	Yes (11/00099/TPO)	Fell a section of the group – fell trees in conflict with the proposed

Tree Ref	Species	Retention Category	TPO or Conservation Area	Action
				works. Protect the retained section with temporary barriers and ground protection in accordance with BS 5837.
T144	Common ash	A2	Yes (11/00099/TPO)	Retain – protect with temporary barriers and ground protection in accordance with BS 5837.
T145	Common ash	B2	Yes (11/00099/TPO)	Fell – tree in conflict with the proposed works.
G146	Mixed species	B2	Yes (11/00099/TPO and Newark Conservation Area)	Fell a section of the group – fell trees in conflict with the proposed works. Protect the retained section with temporary barriers in accordance with BS 5837.
G147	Hawthorn	B2	Yes (Newark Conservation Area)	Retain – protect with temporary barriers in accordance with BS 5837.
G148	Mixed species	B2	Yes (11/00099/TPO and Newark Conservation Area)	Retain – protect with temporary barriers in accordance with BS 5837.
G149	Mixed species	B2	None	Fell – group in conflict with the proposed works.
G150	Mixed species	C2	None	Fell a section of the group – fell trees in conflict with the proposed works. Protect the retained section with temporary barriers in accordance with BS 5837.
G151	Mixed species	C2	None	Fell – group in conflict with the proposed works.
G152	Mixed species	C2	None	Fell – group in conflict with the proposed works.
G153	Mixed species	B2	None	Fell – group in conflict with the proposed works.
G154	Mixed species	B2	None	Fell a section of the group – fell trees in conflict with the proposed works. Protect the retained section with temporary barriers in accordance with BS 5837.
G155	Mixed species	C2	None	Fell a section of the group – fell trees in conflict with the proposed works. Protect the retained section with temporary barriers in accordance with BS 5837.
T156	Common ash	B2	None	Fell – tree in conflict with the proposed works.
T157	Common ash	B2	None	Fell – tree in conflict with the proposed works.
T158	Common ash	A2	None	Retain – protect with temporary barriers in accordance with BS 5837.
T159	Common ash	A2	None	Retain – protect with temporary barriers in accordance with BS 5837.
T160	Common ash	A2	None	Retain – protect with temporary barriers in accordance with BS 5837.
T161	Common ash	B2	None	Retain – protect with temporary barriers in accordance with BS 5837.

Tree Ref	Species	Retention Category	TPO or Conservation Area	Action
G162	Mixed species	C2	None	Fell a section of the group – fell trees in conflict with the proposed works. Protect the retained section with temporary barriers in accordance with BS 5837.
G163	Wild cherry	C2	None	Fell – group in conflict with the proposed works.
G164	Hawthorn	C2	None	Fell – group in conflict with the proposed works.
G165	Mixed species	B2	Yes (11/00099/TPO)	- Fell a section of the group – fell trees in conflict with the proposed works. - Prune for visibility splay. - Protect the retained section with temporary barriers in accordance with BS 5837.
G166	Mixed species	C2	Yes (11/00099/TPO)	Fell – group in conflict with the proposed works.
G167	Mixed species	C2	None	Fell – group in conflict with the proposed works.
G168	Mixed species	B2	Yes (11/00099/TPO)	Fell – group in conflict with the proposed works.
G169	Mixed species	B2	Yes (11/00099/TPO)	Fell – group in conflict with the proposed works.
G170	Mixed species	C2	Yes (11/00099/TPO)	Fell – group in conflict with the proposed works.
G171	Mixed species	B2	Yes (11/00099/TPO)	Fell a section of the group – fell trees in conflict with the proposed works. Protect the retained section with temporary barriers in accordance with BS 5837.
G172	Mixed species	C2	Yes (11/00099/TPO)	Retain – protect with temporary barriers in accordance with BS 5837.
T173	Common ash	U	Yes (11/00099/TPO)	Fell for reasons of sound arboricultural management. TPO designation check with LPA prior to fell.
T174	White willow	C2	None	Fell – tree in conflict with the proposed works.
G175	Mixed species	C2	None	Fell – group in conflict with the proposed works.
G176	Mixed species	B2	None	Fell – group in conflict with the proposed works.
T177	Common ash	B1	None	Fell – tree in conflict with the proposed works.
H178	Blackthorn	C2	Yes (11/00099/TPO)	Fell a section of the hedge – fell trees in conflict with the proposed works. Protect the retained section with temporary barriers in accordance with BS 5837.
G179	Common ash	C2	Yes (11/00099/TPO)	Fell a section of the group – fell trees in conflict with the proposed works. Protect the retained section with temporary barriers in accordance with BS 5837.
G180	Mixed species	C2	Yes (11/00099/TPO)	Retain – protect with temporary barriers in accordance with BS 5837.

Tree Ref	Species	Retention Category	TPO or Conservation Area	Action
T181	Common ash	B1	None	Retain – protect with temporary barriers in accordance with BS 5837.
G182	Mixed species	C2	None	Fell a section of the group – fell trees in conflict with the proposed works. Protect the retained section with temporary barriers in accordance with BS 5837.
G183	Mixed species	C2	None	Fell – group in conflict with the proposed works.
G184	Mixed species	B2	Yes (11/00099/TPO)	Fell – group in conflict with the proposed works.
G185	Common ash	B2	Yes (11/00099/TPO)	Retain – protect with temporary barriers in accordance with BS 5837.
G186	Mixed species	C2	None	Fell – group in conflict with the proposed works.
G187	Mixed species	B2	None	Fell – group in conflict with the proposed works.
H188	Mixed hedgerow	C2	None	Fell a section of the hedge – fell trees in conflict with the proposed works. Protect the retained section with temporary barriers in accordance with BS 5837.
T189	Common oak	B1	None	Fell – tree in conflict with the proposed works.
T190	Field maple	B1	None	Retain – protect with temporary barriers in accordance with BS 5837.
G191	Mixed species	C2	None	Fell – group in conflict with the proposed works.
G192	Hawthorn	C2	Yes (11/00099/TPO)	Retain – protect with temporary barriers in accordance with BS 5837.
G193	Crack willow	C2	Yes (11/00099/TPO)	Fell a section of the group – fell trees in conflict with the proposed works. Protect the retained section with temporary barriers in accordance with BS 5837.
G194	Mixed species	B2	None	Fell – group in conflict with the proposed works.
G195	Mixed species	C2	None	Fell – group in conflict with the proposed works.
G196	Mixed species	B2	None	Fell – group in conflict with the proposed works.
G197	Common ash	C2	None	Fell – group in conflict with the proposed works.
G198	Blackthorn	C2	None	Fell – group in conflict with the proposed works.
G199	Mixed species	C2	None	Retain – protect with temporary barriers in accordance with BS 5837.
G200	Silver birch	B1	None	Retain – protect with temporary barriers and ground protection in accordance with BS 5837.
G201	Mixed species	B2	None	Retain – protect with temporary barriers in accordance with BS 5837.
G202	Mixed species	C2	None	Retain – protect with temporary barriers in accordance with BS 5837.
G203	Goat willow	C2	None	Retain – protect with temporary barriers in accordance with BS 5837.
T204	Common oak	B1	None	Retain – protect with temporary barriers in accordance with BS 5837.
G205	Mixed species	C2	None	Fell a section of the group – fell trees in conflict with the proposed

Tree Ref	Species	Retention Category	TPO or Conservation Area	Action
				works. Protect the retained section with temporary barriers in accordance with BS 5837.
G206	Mixed species	B2	None	Retain – protect with temporary barriers in accordance with BS 5837.
G206a	Common alder	B2	None	Retain – protect with temporary barriers in accordance with BS 5837.
G206b	Common alder	B2	None	Retain – protect with temporary barriers in accordance with BS 5837.
G206c	Common oak	B2	None	Retain – protect with temporary barriers in accordance with BS 5837.
G206d	Common oak	B2	None	Retain – protect with temporary barriers in accordance with BS 5837.
G207	Mixed species	B2	None	Fell a section of the group – fell trees in conflict with the proposed works. Protect the retained section with temporary barriers in accordance with BS 5837.
G208	Mixed species	B2	None	Fell a section of the group – fell trees in conflict with the proposed works. Protect the retained section with temporary barriers and ground protection in accordance with BS 5837.
G209	Mixed species	C2	None	Fell a section of the group – fell trees in conflict with the proposed works. Protect the retained section with temporary barriers in accordance with BS 5837.
G210	White willow	C2	None	Retain – protect with temporary barriers in accordance with BS 5837.
G211	White willow	C2	None	Fell – group in conflict with the proposed works
H212	Mixed hedgerow	B2	Yes (11/00099/TPO)	Fell a section of the hedge – fell trees in conflict with the proposed works. Protect the retained section with temporary barriers in accordance with BS 5837.
T213	Common ash	B1	None	Fell – tree in conflict with the proposed works.
T214	Common ash	B1	Yes (11/00099/TPO)	Retain – protect with temporary barriers in accordance with BS 5837.
G215	Common ash	B2	None	Fell – group in conflict with the proposed works.
G216	Mixed species	B2	None	Fell – group in conflict with the proposed works.
T217	Common ash	B1	Yes (11/00099/TPO)	Retain – protect with temporary barriers in accordance with BS 5837.
G218	Mixed species	B2	Yes (11/00099/TPO)	Fell a section of the group – fell trees in conflict with the proposed works. Protect the retained section with temporary barriers in accordance with BS 5837.
G219	Mixed species	C2	None	Fell – group in conflict with the proposed works.
G220	Mixed species	C2	None	Fell – group in conflict with the proposed works.
G221	Mixed species	B2	None	Fell – group in conflict with the proposed works.

Tree Ref	Species	Retention Category	TPO or Conservation Area	Action
G222	Mixed species	C2	None	Fell – group in conflict with the proposed works.
G223	Hawthorn	C2	None	Retain – protect with temporary barriers in accordance with BS 5837.
G224	Mixed species	B2	None	Fell – group in conflict with the proposed works.
G225	Mixed species	C2	None	Fell – group in conflict with the proposed works.
G226	Mixed species	B2	None	Fell – group in conflict with the proposed works.
G227	Goat willow	C2	None	Fell – group in conflict with the proposed works.
G228	Goat willow	C2	None	Fell – group in conflict with the proposed works.
G229	Common ash	C2	None	Fell – group in conflict with the proposed works.
G230	Common ash	B2	None	Fell – group in conflict with the proposed works.
G231	Hawthorn	B2	None	Fell – group in conflict with the proposed works.
G232	Mixed species	B2	None	Fell – group in conflict with the proposed works.
G233	Mixed species	C2	None	Fell – group in conflict with the proposed works.
G234	Mixed species	B2	Yes (11/00099/TPO)	Fell a section of the group – fell trees in conflict with the proposed works. Protect the retained section with temporary barriers in accordance with BS 5837.
G235a	Common ash	B1	Yes (11/00099/TPO)	Fell – tree in conflict with the proposed works.
G235b	Common ash	B2	Yes (11/00099/TPO)	Fell – tree in conflict with the proposed works.
G236	Mixed species	C2	Yes (11/00099/TPO)	Fell – group in conflict with the proposed works.
H237	Hawthorn	B2	Yes (11/00099/TPO)	Fell a section of the hedge – fell trees in conflict with the proposed works. Protect the retained section with temporary barriers in accordance with BS 5837.
G238	White willow	C3	Yes (11/00099/TPO)	Retain – protect with temporary barriers in accordance with BS 5837.
G238a	White willow	C3	Yes (11/00099/TPO)	Retain – protect with temporary barriers in accordance with BS 5837.
G238b	White willow	C3	Yes (11/00099/TPO)	Retain – protect with temporary barriers in accordance with BS 5837.
G238c	White willow	C3	Yes (11/00099/TPO)	Retain – protect with temporary barriers in accordance with BS 5837.
G238d	White willow	C3	Yes (11/00099/TPO)	Retain – protect with temporary barriers and ground protection in accordance with BS 5837.
G239	Sycamore	C2	None	Retain – protect with temporary barriers in accordance with BS 5837.
G240	Mixed species	B2	None	Fell – group in conflict with the proposed works.
T241	Weeping willow	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
G242	Mixed species	C2	None	Fell – group in conflict with the proposed works.
G243	Crack willow	C2	None	Fell – group in conflict with the proposed works.

Tree Ref	Species	Retention Category	TPO or Conservation Area	Action
G244	Mixed species	B2	None	Fell – group in conflict with the proposed works.
G245	Mixed Species	C2	None	Fell – group in conflict with the proposed works.
G246	Mixed Species	B2	None	Fell – group in conflict with the proposed works.
G247	Mixed Species	B2	None	Fell a section of the group – fell trees in conflict with the proposed works. Protect the retained section with temporary barriers in accordance with BS 5837.
G248	Silver birch	B2	None	Retain – protect with temporary barriers in accordance with BS 5837.
T249	Common oak	B1	None	Retain – protect with temporary barriers in accordance with BS 5837.
G250	Sycamore	B2	None	Fell a section of the group – fell trees in conflict with the proposed works. Protect the retained section with temporary barriers in accordance with BS 5837.
T251	Common ash	C3	None	Retain – protect with temporary barriers in accordance with BS 5837.
G252	Mixed Species	B2	None	Retain – protect with temporary barriers in accordance with BS 5837.
G253	Mixed Species	C2	None	Retain – protect with temporary barriers in accordance with BS 5837.
H254	Mixed hedgerow	C2	None	Retain – protect with temporary barriers in accordance with BS 5837.
G255	Mixed species	B2	None	Fell – group in conflict with the proposed works.
G256	Hawthorn	C3	None	Fell – group in conflict with the proposed works.
G257	Mixed species	B2	None	Fell a section of the group – fell trees in conflict with the proposed works. Protect the retained section with temporary barriers in accordance with BS 5837.
G258	Mixed species	B2	None	Fell a section of the group – fell trees in conflict with the proposed works. Protect the retained section with temporary barriers in accordance with BS 5837.
H259	Hawthorn	C2	None	Retain – protect with temporary barriers in accordance with BS 5837.
H260	Mixed hedgerow	C2	None	Retain – protect with temporary barriers in accordance with BS 5837.
T261	Italian alder	B1	None	Retain – protect with temporary barriers in accordance with BS 5837.
G262	Norway maple	C2	None	Retain – protect with temporary barriers in accordance with BS 5837.
H263	Mixed hedgerow	C2	None	Fell a section of the hedge – fell trees in conflict with the proposed works. Protect the retained section with temporary barriers in accordance with BS 5837.
G264	Common beech	B2	None	Retain – protect with temporary barriers in accordance with BS 5837.
G265	Mixed species	C2	None	Retain – protect with temporary barriers in accordance with BS 5837.

Tree Ref	Species	Retention Category	TPO or Conservation Area	Action
G266	Mixed species	B2	None	Retain – protect with temporary barriers in accordance with BS 5837.
H267	Mixed hedgerow	C2	None	Fell a section of the hedge – fell trees in conflict with the proposed works. Protect the retained section with temporary barriers in accordance with BS 5837.
G268	Mixed species	C2	None	Retain – protect with temporary barriers in accordance with BS 5837.
G269	Mixed species	C2	None	Retain – protect with temporary barriers in accordance with BS 5837.
G270	Mixed species	B2	None	- Fell a section of the group – fell trees in conflict with the proposed works. - Prune for visibility splay - Protect the retained section with temporary barriers in accordance with BS 5837.
G271	Grey poplar	B2	None	- Retain – protect with temporary barriers in accordance with BS 5837. - Prune for visibility splay
G272	Mixed species	C2	None	Retain – protect with temporary barriers in accordance with BS 5837.
T273	Silver birch	B1	None	Retain – protect with temporary barriers in accordance with BS 5837.
H274	Mixed hedgerow	C2	None	Retain – protect with temporary barriers in accordance with BS 5837.
G275	Mixed species	B2	None	Retain – protect with temporary barriers in accordance with BS 5837.
G276	Goat willow	C2	None	Retain – protect with temporary barriers in accordance with BS 5837.
G277	Crack willow	C2	Yes (11/00149/TPO)	Retain – protect with temporary barriers in accordance with BS 5837.
G278	Hawthorn	B2	None	Retain – protect with temporary barriers in accordance with BS 5837.
G279	Mixed species	C2	Yes (11/00149/TPO)	Retain – protect with temporary barriers in accordance with BS 5837.
T281	Hawthorn	C1	Yes (11/00099/TPO	Retain – protect with temporary barriers in accordance with BS 5837.
T282	Common ash	C2	Yes (11/00149/TPO)	Retain – protect with temporary barriers in accordance with BS 5837.
G283	Common ash	B1	Yes (11/00099/TPO)	Fell – group in conflict with the proposed works.
T283	Common ash	B1	Yes (11/00149/TPO)	Retain – protect with temporary barriers in accordance with BS 5837.
G284	Mixed species	B2	None	- Prune for visibility splay. - Retain – protect with temporary barriers in accordance with BS 5837.
G285	Mixed species	B2	Yes (11/00099/TPO)	- Fell a section of the group – fell trees in conflict with the proposed works. - Prune for visibility splay.

Tree Ref	Species	Retention Category	TPO or Conservation Area	Action
				- Protect the retained section with temporary barriers in accordance with BS 5837.
G286	White willow	C3	Yes (11/00099/TPO)	Retain – protect with temporary barriers in accordance with BS 5837.
G287	Mixed species	B2	None	- Fell a section of the group – fell trees in conflict with the proposed works. - Prune for visibility splay. - Protect the retained section with temporary barriers in accordance with BS 5837.
G288	Mixed species	C2	Yes (11/00099/TPO	Retain – protect with temporary barriers in accordance with BS 5837.
H289	Hawthorn	C2	Yes (11/00099/TPO)	Retain – protect with temporary barriers in accordance with BS 5837.
G290	Hawthorn	C2	None	Retain – protect with temporary barriers in accordance with BS 5837.
H291	Hawthorn	B2	None	Retain – protect with temporary barriers in accordance with BS 5837.
T292	Goat willow	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
G293	Mixed species	C2	None	Fell – group in conflict with the proposed works.
T294	Field maple	B1	Yes (11/00099/TPO	Retain – protect with temporary barriers in accordance with BS 5837.
T295	Field maple	B1	Yes (11/00099/TPO	Retain – protect with temporary barriers in accordance with BS 5837.
T296	Common ash	B1	Yes (11/00099/TPO	Retain – protect with temporary barriers in accordance with BS 5837.
T298	Silver birch	B1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T299	Silver birch	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T300	Common ash	B1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T301	Cherry spp	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T302	Sycamore	B1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T303	Sycamore	B1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T304	Sycamore	B1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T305	Sycamore	B1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T306	Sycamore	B1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T307	Silver birch	B1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T308	Sycamore	B1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T309	Silver birch	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T310	Sycamore	B1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T311	Silver birch	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T312	Sycamore	B1	None	Retain – protect with temporary barriers in accordance with BS 5837.

Tree Ref	Species	Retention Category	TPO or Conservation Area	Action
T313	Sycamore	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T314	Sycamore	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T315	Holm oak	B1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T316	Silver birch	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T317	Silver birch	B1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T318	Austrian pine	B1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T319	Sycamore	B1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T320	Sycamore	B1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T321	Sycamore	C1	None	Fell – tree in conflict with the proposed works.
T322	Small-leaved lime	C1	None	Fell – tree in conflict with the proposed works.
T323	Sycamore	C1	None	Fell – tree in conflict with the proposed works.
T324	Sycamore	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T325	Laburnum	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T326	Swedish whitebeam	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T327	Sycamore	C1	None	Fell – tree in conflict with the proposed works.
T328	Common ash	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T329	Wild cherry	C1	None	Retain – protect with temporary barriers in accordance with BS 5837. Management recommendation – Regular inspections to monitor the tree's physiological condition.
T346	Wild cherry	B1	Yes (Newark Conservation Area)	None.
T347	Wild cherry	B1	Yes (Newark Conservation Area)	None.
T348	Wild cherry	B1	Yes (Newark Conservation Area)	None.
T349	Wild cherry	B1	Yes (Newark Conservation Area)	None.
T350	Apple	B1	Yes (Newark Conservation Area)	Fell – tree in conflict with the proposed works.
T357	Sycamore	C1	Yes (Newark Conservation Area)	None.

Tree Ref	Species	Retention Category	TPO or Conservation Area	Action
T358	Pedunculate oak	B1	Yes (Newark Conservation Area)	None.
T359	Hawthorn	B1	Yes (Newark Conservation Area)	Fell – tree in conflict with the proposed works.
T360	Common ash	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T361	Sycamore	B1	None	Retain – protect with temporary barriers and ground protection in accordance with BS 5837.
T363	Crack willow	B2	Yes (11/00099/TPO)	None.
T364	Crack willow	B2	Yes (11/00099/TPO)	–None
T365	Crack willow	B2	Yes (11/00099/TPO)	–None
T366	Common ash	B2	Yes (11/00099/TPO)	–None
T367	Crack willow	B1	None	Retain – protect with temporary barriers and ground protection in accordance with BS 5837.
T368	Crack willow	B1	Yes (11/00099/TPO)	None.
T369	Common ash	B1	Yes (11/00099/TPO)	Retain – protect with temporary barriers in accordance with BS 5837.
T370	Common ash	B1	Yes (11/00099/TPO)	Retain – protect with temporary barriers in accordance with BS 5837.
T371	Common ash	U	Yes (11/00099/TPO)	Fell for reasons of sound arboricultural management. TPO designation check with LPA prior to fell.
T372	Common ash	B1	Yes (11/00099/TPO)	–None
T373	Common ash	B1	Yes (11/00099/TPO)	–None
T374	Common ash	B2	Yes (11/00099/TPO)	Retain – protect with temporary barriers in accordance with BS 5837.
T376	Sycamore	B1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T377	Sycamore	B1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T378	Sycamore	B1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T379	Sycamore	B1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T380	Hawthorn	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T381	Common lime	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T382	Common lime	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T383	Lilac	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T384	Common lime	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T385	Common lime	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T386	Eucalyptus	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.

Tree Ref	Species	Retention Category	TPO or Conservation Area	Action
T387	Eucalyptus	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T388	Crack willow	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T390	Common ash	B1	Yes (11/00149/TPO)	None.
T391	Sycamore	B1	Yes (11/00149/TPO)	None.
T394	Wild cherry	C1	Yes (11/00149/TPO)	None.
T397	Norway maple	B1	Yes (11/00149/TPO)	None.
T403	Common holly	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T404	Common lime	B1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T405	Common lime	B1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T406	Common lime	B1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T407	Sycamore	U	None	Fell for reasons of sound arboricultural management. Or Retain – protect with temporary barriers in accordance with BS 5837.
T408	Pedunculate oak	B1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T409	Weeping willow	B1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T410	Robinia	B1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T411	Crack willow	B2	None	Retain – protect with temporary barriers in accordance with BS 5837.
T412	Blackthorn	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T413	Common ash	B2	None	Retain – protect with temporary barriers in accordance with BS 5837.
T414	Goat willow	C2	None	Retain – protect with temporary barriers in accordance with BS 5837.
T415	Blackthorn	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T416	Crack willow	B2	None	Retain – protect with temporary barriers in accordance with BS 5837.
T417	Crack willow	B2	None	Retain – protect with temporary barriers in accordance with BS 5837.
T418	Crack willow	B2	None	Retain – protect with temporary barriers in accordance with BS 5837.
T419	Crack willow	B2	None	Retain – protect with temporary barriers in accordance with BS 5837.
T438	Pedunculate oak	B1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T439	Pedunculate oak	B1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T440	Hawthorn	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T441	Common ash	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T442	Common ash	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T443	Common ash	C1	Yes (Kelham	Retain – protect with temporary barriers and ground protection in

Tree Ref	Species	Retention Category	TPO or Conservation Area	Action
			Conservation Area)	accordance with BS 5837.
T444	Pine spp.	A1	Yes (Kelham Conservation Area)	Retain – protect with temporary barriers and ground protection in accordance with BS 5837.
T445	Pine spp.	A1	Yes (Kelham Conservation Area)	Retain – protect with temporary barriers and ground protection in accordance with BS 5837.
T449	Crack willow	B3	None	Retain – protect with temporary barriers in accordance with BS 5837.
T450	Common ash	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T451	Common ash	U	None	Fell for reasons of sound arboricultural management.
T452	English elm	U	None	Fell for reasons of sound arboricultural management.
T453	Pedunculate oak	B1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T462	Pedunculate oak	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T463	Pedunculate oak	B1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T464	Pedunculate oak	B1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T465	Pedunculate oak	B1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T466	Wild cherry	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T467	Sycamore	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T468	Pedunculate oak	B1	None	Retain – protect with temporary barriers and ground protection in accordance with BS 5837. Prune to lift the crown to 4.5m to provide aerial clearance.
T469	English elm	U	None	Fell for reasons of sound arboricultural management.
T470	Common ash	U	None	Fell for reasons of sound arboricultural management.
T471	Common ash	U	None	Fell for reasons of sound arboricultural management.
T472	Common ash	U	None	Fell for reasons of sound arboricultural management.
T473	Common ash	U	None	Fell for reasons of sound arboricultural management and in conflict with the proposed works.
T474	Common ash	U	None	Fell for reasons of sound arboricultural management and in conflict with the proposed works.
T475	Pedunculate oak	A1	None	Retain – protect with temporary barriers and ground protection in accordance with BS 5837.
T476	Common horse chestnut	A2	Yes (Kelham Conservation Area)	Retain – protect with temporary barriers in accordance with BS 5837.
T477	Common horse	A2	Yes (Kelham	Retain – protect with temporary barriers in accordance with BS 5837.

Tree Ref	Species	Retention Category	TPO or Conservation Area	Action
	chestnut		Conservation Area)	
T478	Common horse chestnut	A2	Yes (Kelham Conservation Area)	Retain – protect with temporary barriers in accordance with BS 5837.
T479	Common horse chestnut	A2	Yes (Kelham Conservation Area)	Retain – protect with temporary barriers in accordance with BS 5837.
T480	Common horse chestnut	A2	Yes (Kelham Conservation Area)	Retain – protect with temporary barriers in accordance with BS 5837.
T481	Wild cherry	C1	Yes (Kelham Conservation Area)	Retain – protect with temporary barriers in accordance with BS 5837.
T482	Black poplar	B2	Yes (Kelham Conservation Area)	Retain – protect with temporary barriers and ground protection in accordance with BS 5837.
T483	Crack willow	B2	Yes (Kelham Conservation Area)	Retain – protect with temporary barriers and ground protection in accordance with BS 5837.
T484	Common ash	B2	Yes (Kelham Conservation Area)	Retain – protect with temporary barriers in accordance with BS 5837.
T486	Sequoiadendron giganteum	A1	Yes (Kelham Conservation Area)	Retain – protect with temporary barriers in accordance with BS 5837.
T487	Sequoiadendron giganteum	A1	Yes (Kelham Conservation Area)	Retain – protect with temporary barriers in accordance with BS 5837.
T488	Sequoiadendron giganteum	A1	Yes (Kelham Conservation Area)	Retain – protect with temporary barriers in accordance with BS 5837.
T489	Pedunculate oak	A1	Yes (Winthorpe Conservation Area)	None.
T490	Pedunculate oak	A1	Yes (Winthorpe Conservation Area)	None.
T491	Sycamore	B1	Yes (Winthorpe Conservation Area)	None.
T492	Sycamore	B1	Yes (Winthorpe Conservation Area)	None.
W493	Mixed species	B2	Yes (Kelham Conservation Area)	Retain – protect with temporary barriers in accordance with BS 5837.
T494	Sycamore	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.

Tree Ref	Species	Retention Category	TPO or Conservation Area	Action
T495	Sycamore	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
W496	Mixed broadleaved	B2	Yes (Kelham Conservation Area)	None.
T497	Lombardy poplar	B1	Yes (Winthorpe Conservation Area)	None.
T498	Lombardy poplar	B1	Yes (Winthorpe Conservation Area)	None.
T499	Lombardy poplar	B1	Yes (Winthorpe Conservation Area)	None.
T509	Sycamore	B1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T510	Sycamore	B1	None	Retain – protect with temporary barriers in accordance with BS 5837.
G514	Aspen	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
G515	Mixed broadleaved	B1	None	Retain – protect with temporary barriers in accordance with BS 5837.
G516	Mixed broadleaved	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
G517	Mixed broadleaved	B2	None	Retain – protect with temporary barriers in accordance with BS 5837.
G518	Mixed broadleaved	C1	None	Fell – group in conflict with the proposed works.
G519	Mixed broadleaved	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
G520	Hawthorn	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
G521	Mixed broadleaved	C1	Yes (11/00100/TPO)	Retain – protect with temporary barriers in accordance with BS 5837.
G522	Hawthorn	C1	Yes (11/00100/TPO)	Retain – protect with temporary barriers in accordance with BS 5837.
G523	Mixed species	B1	Yes (Winthorpe Conservation Area)	Retain – protect with temporary barriers in accordance with BS 5837.
G524	Mixed broadleaved	B1	Yes (Newark Conservation Area)	None.
G525	Crack willow	C1	Yes (Newark Conservation Area)	Fell – group in conflict with the proposed works.
G527	Mixed broadleaved	C1	Yes (Newark Conservation Area)	None.
G528	Silver birch	B1	Yes (Newark Conservation Area)	None.
G529	Mixed broadleaved	B2	Yes (11/00099/TPO)	Retain – protect with temporary barriers and ground protection in accordance with BS 5837.

Tree Ref	Species	Retention Category	TPO or Conservation Area	Action
G530	Mixed broadleaved	B2	Yes (11/00099/TPO)	Retain – protect with temporary barriers in accordance with BS 5837.
G532	Mixed broadleaved	C2	None	Retain – protect with temporary barriers in accordance with BS 5837.
G533	Crack willow	B2	None	Retain – protect with temporary barriers and ground protection in accordance with BS 5837.
G534	Mixed broadleaf	B2	Yes (11/00099/TPO)	Retain – protect with temporary barriers and ground protection in accordance with BS 5837.
G535	Goat willow	C1	Yes (11/00099/TPO)	Retain – protect with temporary barriers in accordance with BS 5837.
W536	Mixed native	B2	Yes (Kelham Conservation Area)	None
G538	Western red cedar	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
G539	Hawthorn	C2	None	Retain – protect with temporary barriers in accordance with BS 5837.
G540	Mixed broadleaved	C2	None	Retain – protect with temporary barriers in accordance with BS 5837.
G546	Mixed broadleaved	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
G547	Mixed broadleaved	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
G548	Mixed broadleaved	B1	None	Retain – protect with temporary barriers and ground protection in accordance with BS 5837.
G549	Mixed native	A1	Yes (Kelham Conservation Area)	None
G556	Mixed broadleaved	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
G557	Mixed broadleaved	C1	None	Fell a section of the group – fell trees in conflict with the proposed works. Protect the retained section with temporary barriers in accordance with BS 5837.
G558	Mixed species	A2	Yes (Kelham Conservation Area)	Retain – protect with temporary barriers in accordance with BS 5837.
G559	Mixed broadleaved	B2	Yes (Kelham Conservation Area)	Retain – protect with temporary barriers and ground protection in accordance with BS 5837.
G561	Hawthorn	C1	Yes (Winthorpe Conservation Area)	Retain – protect with temporary barriers in accordance with BS 5837.
G562	Mixed species	B1	Yes (Winthorpe Conservation Area)	None
G564	English elm	C1	Yes (Winthorpe Conservation Area)	Retain – protect with temporary barriers in accordance with BS 5837.

Tree Ref	Species	Retention Category	TPO or Conservation Area	Action
G565	Mixed broadleaved	C1	Yes (Winthorpe Conservation Area)	None
G567	Mixed broadleaved	C1	Yes (Winthorpe Conservation Area)	None
G570	Mixed broadleaved	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
G571	Sycamore	B1	None	Retain – protect with temporary barriers and ground protection in accordance with BS 5837.
G572	Hawthorn	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
G573	Mixed broadleaved	B1	None	Retain – protect with temporary barriers in accordance with BS 5837.
G574	Mixed broadleaved	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
G575	Hawthorn	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
G576	Mixed broadleaved	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
H577	Mixed species	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
H578	Mixed broadleaved	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
H579	Mixed broadleaved	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
H580	Mixed broadleaved	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
H581	Mixed broadleaved	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
H582	Mixed broadleaved	C1	Yes (11/00100/TPO)	Retain – protect with temporary barriers in accordance with BS 5837.
H583	Hawthorn	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
H584	Hawthorn	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
H585	Portuguese laurel	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
H587	Mixed broadleaved	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
H588	Privet	B1	None	Retain – protect with temporary barriers in accordance with BS 5837.
H592	Blackthorn	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
H593	Mixed broadleaved	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
H596	Hawthorn	C1	Yes (Winthorpe Conservation Area)	None
H597	Hawthorn	C1	None	Fell a section of the hedge – fell trees in conflict with the proposed works. Protect the retained section with temporary barriers in accordance with BS 5837.
H598	Hawthorn	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
W600	Mixed species	B2	Yes (Kelham	Retain – protect with temporary barriers in accordance with BS 5837.

Tree Ref	Species	Retention Category	TPO or Conservation Area	Action
			Conservation Area)	
T638	Common ash	C2	None	Retain – protect with temporary barriers in accordance with BS 5837.
T639	Wild cherry	B2	None	Retain – protect with temporary barriers in accordance with BS 5837.
T640	Pedunculate oak	B2	None	Retain – protect with temporary barriers in accordance with BS 5837.
T641	Common horse chestnut	B2	None	Retain – protect with temporary barriers in accordance with BS 5837.
T642	Sycamore	B1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T643	Sycamore	B1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T644	Sycamore	B1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T645	English elm	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T646	English elm	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T647	Common beech	A1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T648	Common horse chestnut	A1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T649	Sweet chestnut	B2	None	Retain – protect with temporary barriers in accordance with BS 5837.
T650	Sweet chestnut	B2	None	Retain – protect with temporary barriers in accordance with BS 5837.
T651 (Veteran tree)	Sweet chestnut	A1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T652	Common beech	A2	None	Retain – protect with temporary barriers in accordance with BS 5837.
T653	Sycamore	A2	None	Retain – protect with temporary barriers in accordance with BS 5837.
T654	Common beech	A2	None	Retain – protect with temporary barriers in accordance with BS 5837.
T655	Common beech	B2	None	Fell – tree in conflict with the proposed works.
T656	Common horse chestnut	U	None	Retain – protect with temporary barriers in accordance with BS 5837.
T670	English elm	C2	None	Retain – protect with temporary barriers in accordance with BS 5837.
T671	English elm	C2	None	Retain – protect with temporary barriers in accordance with BS 5837.
T672	English elm	B2	None	Retain – protect with temporary barriers in accordance with BS 5837.
T673	English elm	B1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T674	English elm	B1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T675	English elm	B2	None	Retain – protect with temporary barriers in accordance with BS 5837.
T676	English elm	B2	None	Retain – protect with temporary barriers in accordance with BS 5837.
T677	English elm	B2	None	Retain – protect with temporary barriers in accordance with BS 5837.

Tree Ref	Species	Retention Category	TPO or Conservation Area	Action
T678	Common beech	A1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T679	Common beech	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T680	Sycamore	B2	None	Retain – protect with temporary barriers in accordance with BS 5837.
T681	Common beech	A1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T682	Sycamore	B1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T683	Common beech	B2	None	Retain – protect with temporary barriers in accordance with BS 5837.
T695	Swedish whitebeam	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T696	Common alder	B1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T697	Common lime	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T698	Leyland cypress	B1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T699	Leyland cypress	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T700	Leyland cypress	B1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T701	Leyland cypress	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T702	Leyland cypress	B1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T703	Scots pine	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T704	White poplar	B1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T706	Common lime	B1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T708	Common lime	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T709	Common lime	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T710	Common lime	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T711	Common lime	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T712	Pedunculate oak	B1	None	Fell – tree in conflict with the proposed works.
T713	Pedunculate oak	B1	None	Fell – tree in conflict with the proposed works.
T714	English elm	B2	None	Retain – protect with temporary barriers in accordance with BS 5837.
T715	English elm	B2	None	Retain – protect with temporary barriers in accordance with BS 5837.
T716	English elm	B2	None	Retain – protect with temporary barriers in accordance with BS 5837.
T717	English elm	C2	None	Retain – protect with temporary barriers in accordance with BS 5837.
T718	English elm	C2	None	Retain – protect with temporary barriers in accordance with BS 5837.
T719	Common ash	C2	None	Retain – protect with temporary barriers in accordance with BS 5837.
T720	Common ash	C2	None	Retain – protect with temporary barriers in accordance with BS 5837.
T721	English elm	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T722	Common ash	B1	None	Retain – protect with temporary barriers in accordance with BS 5837.

Tree Ref	Species	Retention Category	TPO or Conservation Area	Action
T723	English elm	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T724	English elm	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T725	Common lime	B2	None	Retain – protect with temporary barriers in accordance with BS 5837.
T739	Crack willow	B1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T744	Pedunculate oak	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
G745	Black poplar (hybrid)	B1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T746	Silver birch	B1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T747	Goat willow	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T769	Pedunculate oak	A2	None	Retain – protect with temporary barriers in accordance with BS 5837.
T772	Common lime	C1	Yes (Kelham Conservation Area)	Retain – protect with temporary barriers in accordance with BS 5837.
T773	Common lime	C1	Yes (Kelham Conservation Area)	Retain – protect with temporary barriers in accordance with BS 5837.
T774	Common lime	C1	Yes (Kelham Conservation Area)	Retain – protect with temporary barriers in accordance with BS 5837.
T775	Common beech	B2	Yes (Winthorpe Conservation Area)	–None.
T776	Red oak	B2	Yes (Winthorpe Conservation Area)	–None.
T777	Sycamore	B2	Yes (Winthorpe Conservation Area)	–None,
T778	Pedunculate oak	B2	None	Retain – protect with temporary barriers in accordance with BS 5837.
T779	Common lime	C2	None	Retain – protect with temporary barriers in accordance with BS 5837.
T781	Fastigiate hornbeam	B1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T782	Fastigiate hornbeam	B1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T783	Fastigiate hornbeam	B1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T784	Fastigiate hornbeam	B1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T785	Fastigiate hornbeam	B1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T786	Fastigiate hornbeam	B1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T801	Common ash	C2	None	Fell – tree in conflict with the proposed works.
T802	Common ash	C2	None	Fell – tree in conflict with the proposed works.
T810	Common lime	C1	Yes (Kelham	Retain – protect with temporary barriers in accordance with BS 5837.

Tree Ref	Species	Retention Category	TPO or Conservation Area	Action
			Conservation Area)	
G811	Mixed broadleaved	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T812	Common ash	B2	None	Retain – protect with temporary barriers in accordance with BS 5837.
T813	Common ash	C1	None	Fell – tree in conflict with the proposed works.
T814	Common ash	B1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T815	Field maple	C1	Yes (11/00099/TPO	Fell – tree in conflict with the proposed works.–
T816	Crack willow	C3	Yes (11/00099/TPO	Retain – protect with temporary barriers in accordance with BS 5837.
T817	Crack willow	C3	Yes (11/00099/TPO	Retain – protect with temporary barriers in accordance with BS 5837.
T818	Crack willow	C3	Yes (11/00099/TPO	Retain – protect with temporary barriers in accordance with BS 5837.
T819	Crack willow	B3	Yes (11/00099/TPO	Retain – protect with temporary barriers in accordance with BS 5837.
T820	Crack willow	C3	None	Retain – protect with temporary barriers in accordance with BS 5837.
T821	Common ash	C2	None	Retain – protect with temporary barriers in accordance with BS 5837.
T822	Common ash	C2	None	Retain – protect with temporary barriers in accordance with BS 5837.
T823	Common ash	C2	None	Retain – protect with temporary barriers in accordance with BS 5837.
T824	Common ash	C2	None	Retain – protect with temporary barriers in accordance with BS 5837.
T825	Crack willow	B2	None	Retain – protect with temporary barriers in accordance with BS 5837.
T826	Common ash	B2	None	Retain – protect with temporary barriers in accordance with BS 5837.
T827	Crack willow	B2	None	Retain – protect with temporary barriers in accordance with BS 5837.
T828	Crack willow	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T829	Crack willow	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T830	Common ash	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T831	Common ash	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T832	Common ash	B3	None	Retain – protect with temporary barriers in accordance with BS 5837.
T833	Common ash	B2	None	Retain – protect with temporary barriers in accordance with BS 5837.
T834	Crack willow	B1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T835	Crack willow	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T836	Crack willow	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T837	Common ash	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
T838	Common ash	B2	None	Retain – protect with temporary barriers in accordance with BS 5837.
T839	Crack willow	B3	None	Retain – protect with temporary barriers in accordance with BS 5837.
T840 (Veteran tree)	Crack willow	A3	None	Retain – protect with temporary barriers in accordance with BS 5837.

Tree Ref	Species	Retention Category	TPO or Conservation Area	Action
T841 (Veteran tree)	Crack willow	A3	None	Retain – protect with temporary barriers in accordance with BS 5837.
T842	Crack willow	B3	Yes (11/00099/TPO)	Retain – protect with temporary barriers in accordance with BS 5837.
T843	Crack willow	B3	None	Retain – protect with temporary barriers in accordance with BS 5837.
T844	Pedunculate oak	B2	None	Retain – protect with temporary barriers in accordance with BS 5837.
T845	Common ash	U	None	Fell for reasons of sound arboricultural management.
T846	Hawthorn	C2	None	Retain – protect with temporary barriers in accordance with BS 5837.
T849	Common ash	B2	None	Retain – protect with temporary barriers in accordance with BS 5837.
T850	Common ash	B2	None	Retain – protect with temporary barriers in accordance with BS 5837.
T851	Crack willow	C2	None	Retain – protect with temporary barriers in accordance with BS 5837.
T852	Crack willow	A3	None	Retain – protect with temporary barriers in accordance with BS 5837.
T853	Crack willow	C2	None	Retain – protect with temporary barriers in accordance with BS 5837.
T854	Crack willow	C2	None	Retain – protect with temporary barriers in accordance with BS 5837.
T855	Crack willow	B2	None	Retain – protect with temporary barriers in accordance with BS 5837.
T856	Common ash	C2	None	Retain – protect with temporary barriers in accordance with BS 5837.
T857	Common ash	C2	None	Retain – protect with temporary barriers in accordance with BS 5837.
T858	Common ash	C2	None	Retain – protect with temporary barriers in accordance with BS 5837.
T859	Common ash	C2	None	Retain – protect with temporary barriers in accordance with BS 5837.
T860	Crack willow	B2	None	Retain – protect with temporary barriers in accordance with BS 5837.
T861	Common alder	C2	None	Retain – protect with temporary barriers in accordance with BS 5837.
T862	Common ash	C2	None	Retain – protect with temporary barriers in accordance with BS 5837.
T863	Common ash	B2	None	Fell – tree in conflict with the proposed works.
T864	Common ash	B2	None	Fell – tree in conflict with the proposed works.
T865	Common ash	C3	None	Retain – protect with temporary barriers in accordance with BS 5837.
T866	Common ash	B2	None	Retain – protect with temporary barriers in accordance with BS 5837.
T867	Crack willow	B2	None	Retain – protect with temporary barriers in accordance with BS 5837.
T868	Crack willow	B2	None	Retain – protect with temporary barriers in accordance with BS 5837.
T869	Hawthorn	B2	None	Retain – protect with temporary barriers in accordance with BS 5837.
T870	Pedunculate oak	B2	None	Retain – protect with temporary barriers in accordance with BS 5837.
T871	Pedunculate oak	B2	None	Retain – protect with temporary barriers in accordance with BS 5837.
G874	Cherry spp	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
G875	Mixed species	C2	None	Retain – protect with temporary barriers in accordance with BS 5837.

Tree Ref	Species	Retention Category	TPO or Conservation Area	Action
G876	Mixed broadleaved	B2	None	Retain – protect with temporary barriers and ground protection in accordance with BS 5837.
G877	English elm	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
G878	Common horse chestnut	B1	None	Retain – protect with temporary barriers in accordance with BS 5837.
G879	Common horse chestnut	B1	None	Retain – protect with temporary barriers in accordance with BS 5837.
G881	English elm	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
G882	Mixed broadleaved	B2	None	Retain – protect with temporary barriers in accordance with BS 5837.
G883	Mixed broadleaved	B2	None	Fell a section of the group – fell trees in conflict with the proposed works. Protect the retained section with temporary barriers in accordance with BS 5837.
G885	Mixed broadleaved	B1	None	Retain – protect with temporary barriers in accordance with BS 5837.
G888	Mixed broadleaved	B1	None	Retain – protect with temporary barriers in accordance with BS 5837.
G889	Mixed species	B1	None	Retain – protect with temporary barriers in accordance with BS 5837.
G890	Mixed broadleaved	B1	None	Retain – protect with temporary barriers in accordance with BS 5837.
G891	Mixed broadleaved	B1	None	Retain – protect with temporary barriers in accordance with BS 5837.
G892	Mixed broadleaved	B1	None	Retain – protect with temporary barriers in accordance with BS 5837.
G893	Mixed broadleaved	B1	None	Retain – protect with temporary barriers in accordance with BS 5837.
G894	Leyland cypress	B1	None	Retain – protect with temporary barriers in accordance with BS 5837.
G895	Leyland cypress	B1	None	Retain – protect with temporary barriers in accordance with BS 5837.
G896	Mixed broadleaved	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
G897	Common ash	C2	None	Retain – protect with temporary barriers in accordance with BS 5837.
G898	Common horse chestnut	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
G899	Common lime	B2	None	Retain – protect with temporary barriers in accordance with BS 5837.
G900	Scots pine	A1	Yes (11/00226/TPO and Winthorpe Conservation Area)	- Prune for horizontal clearance to haul road. - Retain – protect with temporary barriers and ground protection in accordance with BS 5837.
G901	Mixed broadleaved	B1	None	Retain – protect with temporary barriers in accordance with BS 5837.
G902	Mixed broadleaved	B1	Yes (11/00100/TPO)	Retain – protect with temporary barriers in accordance with BS 5837.
G903	Cherry laurel	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.

Tree Ref	Species	Retention Category	TPO or Conservation Area	Action
G904	Mixed broadleaved	B1	None	Retain – protect with temporary barriers in accordance with BS 5837.
G905	Norway maple	B1	None	Retain – existing fence to remain in-situ.
G907	Sycamore	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
G909	Mixed broadleaved	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
G910	Wild cherry	B1	None	Retain – protect with temporary barriers in accordance with BS 5837.
G914	Mixed broadleaved	C2	None	Retain – protect with temporary barriers in accordance with BS 5837.
G916	Mixed broadleaved	B1	None	Retain – protect with temporary barriers in accordance with BS 5837.
G917	Mixed species	B1	None	Retain – protect with temporary barriers in accordance with BS 5837.
G918	Mixed broadleaved	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
G921	Pedunculate oak	A1	None	Retain – protect with temporary barriers in accordance with BS 5837.
G922	Mixed broadleaved	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
G923	Mixed broadleaved	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
G924	Mixed broadleaved	B1	None	Retain – protect with temporary barriers in accordance with BS 5837.
G925	Mixed broadleaved	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
G926	Mixed broadleaved	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
G934	Goat willow	C2	None	Fell – group in conflict with the proposed works.
G935	Goat willow	C2	None	Fell – group in conflict with the proposed works.
G937	Mixed species	A1	Yes (Kelham Conservation Area)	Retain – protect with temporary barriers in accordance with BS 5837.
G938	Mixed broadleaved	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
G939	Mixed broadleaved	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
G940	Hawthorn	B2	Yes (11/00099/TPO	Retain – protect with temporary barriers in accordance with BS 5837.
G941	Mixed broadleaved	B2	Yes (11/00099/TPO	- Prune for visibility splay - Retain – protect with temporary barriers in accordance with BS 5837.
G942	Crack willow	B1	None	Retain – protect with temporary barriers in accordance with BS 5837.
G944	Mixed broadleaved	C1	Yes (11/00099/TPO	Retain – protect with temporary barriers in accordance with BS 5837.
G945	Mixed broadleaved	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
G946	Mixed broadleaved	B1	None	Retain – protect with temporary barriers in accordance with BS 5837.
G949	Mixed species	C2	None	Retain – protect with temporary barriers in accordance with BS 5837.
G950	Crack willow	B1	None	Retain – protect with temporary barriers in accordance with BS 5837.
G951	Crack willow	C2	None	Retain – protect with temporary barriers in accordance with BS 5837.

Tree Ref	Species	Retention Category	TPO or Conservation Area	Action
G952	Crack willow	B2	None	Retain – protect with temporary barriers in accordance with BS 5837.
G953	Mixed native	B2	None	Retain – protect with temporary barriers in accordance with BS 5837.
G954	Crack willow	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
G955	Mixed broadleaved	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
G956	Crack willow	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
G957	Crack willow	B1	None	Retain – protect with temporary barriers in accordance with BS 5837.
G958	Mixed broadleaved	C1	Yes (11/00099/TPO	Retain – protect with temporary barriers in accordance with BS 5837.
G959	Mixed broadleaved	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
G960	Crack willow	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
G961	Mixed broadleaved	C1	None	Fell – group in conflict with the proposed works.
G962	Crack willow	B1	None	Fell – group in conflict with the proposed works.
G963	Crack willow	B1	None	Fell – group in conflict with the proposed works.
G964	Crack willow	B1	None	Retain – protect with temporary barriers in accordance with BS 5837.
G965	Mixed broadleaved	C2	Yes (11/00149/TPO)	Retain – protect with temporary barriers in accordance with BS 5837.
G966	Mixed broadleaved	C2	None	Retain – protect with temporary barriers in accordance with BS 5837.
G967	Mixed broadleaved	C1	Yes (11/00099/TPO)	Retain – protect with temporary barriers in accordance with BS 5837.
G968	Common ash	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
G969	Hawthorn	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
G970	Crack willow	B3	None	Retain – protect with temporary barriers in accordance with BS 5837.
G971	Mixed broadleaved	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
G972	Hawthorn	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
G973	Crack willow	C1	None	Fell – group in conflict with the proposed works.
G974	Crack willow	A2	None	Retain – protect with temporary barriers in accordance with BS 5837.
G975	Hawthorn	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
G976	Mixed broadleaved	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
G977	Common ash	B2	None	Retain – protect with temporary barriers in accordance with BS 5837.
G978	Hawthorn	C2	None	Retain – protect with temporary barriers in accordance with BS 5837.
G979	Crack willow	C2	None	Retain – protect with temporary barriers in accordance with BS 5837.
G980	Mixed native	C2	None	Retain – protect with temporary barriers in accordance with BS 5837.
G981	Crack willow	B2	None	Retain – protect with temporary barriers in accordance with BS 5837.
G982	Mixed broadleaved	C2	None	Retain – protect with temporary barriers in accordance with BS 5837.
G983	Crack willow	B2	None	Retain – protect with temporary barriers in accordance with BS 5837.

Tree Ref	Species	Retention Category	TPO or Conservation Area	Action
G984	Crack willow	B2	Yes (11/00149/TPO)	Retain – protect with temporary barriers in accordance with BS 5837.
G985	Mixed native	B2	None	Retain – protect with temporary barriers in accordance with BS 5837.
G986	Mixed native	B2	Yes (11/00149/TPO)	Retain – protect with temporary barriers in accordance with BS 5837.
G987	Mixed native	C2	Yes (11/00149/TPO)	Retain – protect with temporary barriers in accordance with BS 5837.
G988	Mixed broadleaved	B2	None	Retain – protect with temporary barriers in accordance with BS 5837.
H989	Common beech	B1	None	Retain – protect with temporary barriers in accordance with BS 5837.
H990	Hawthorn	C2	None	Fell a section of the hedge – fell trees in conflict with the proposed works. Protect the retained section with temporary barriers in accordance with BS 5837.
H991	English elm	B2	None	Retain – protect with temporary barriers in accordance with BS 5837.
H992	Mixed broadleaved	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
H993	Hawthorn	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
H994	Hawthorn	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
H995	Hawthorn	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
H996	Hawthorn	C1	None	Fell a section of the hedge – fell trees in conflict with the proposed works. Protect the retained section with temporary barriers in accordance with BS 5837.
H997	Hawthorn	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
H998	Mixed broadleaved	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
H1010	Hawthorn	C1	None	Fell a section of the hedge – fell trees in conflict with the proposed works. Protect the retained section with temporary barriers in accordance with BS 5837.
H1011	Hawthorn	C1	None	Fell a section of the hedge – fell trees in conflict with the proposed works. Protect the retained section with temporary barriers in accordance with BS 5837.
H1013	Mixed broadleaved	C1	Yes (Kelham Conservation Area)	Fell a section of the hedge – fell trees in conflict with the proposed works. Protect the retained section with temporary barriers in accordance with BS 5837.
H1014	Hawthorn	C2	None	Retain – protect with temporary barriers in accordance with BS 5837.
H1015	Hawthorn	C2	None	Retain – protect with temporary barriers in accordance with BS 5837.
H1018	Mixed broadleaved	C2	None	Retain – protect with temporary barriers in accordance with BS 5837.
H1019	Mixed broadleaved	C2	None	Retain – protect with temporary barriers in accordance with BS 5837.

Tree Ref	Species	Retention Category	TPO or Conservation Area	Action
H1022	Hawthorn	C1	None	Fell – hedge in conflict with the proposed works.
H1024	Hawthorn	C1	None	Fell a section of the hedge – fell trees in conflict with the proposed works. Protect the retained section with temporary barriers in accordance with BS 5837.
H1025	Hawthorn	C1	None	Retain – protect with temporary barriers in accordance with BS 5837.
W1027	Mixed species	A2	None	Retain – protect with temporary barriers in accordance with BS 5837.
W1028	Mixed species	B2	None	Retain – protect with temporary barriers in accordance with BS 5837.
G1029	Mixed species	B2	Yes (Winthorpe Conservation Area)	Retain – protect with temporary barriers in accordance with BS 5837.

5 Outline Arboricultural Method Statement

5.1 Temporary barrier protection

5.1.1 The retained trees that require temporary barrier protection during construction are detailed within the TPP and the actions for the Scheme table (Table 4-2).

5.1.2 The barriers should be erected in accordance with *BS 5837:2012* and positioned to enclose the defined RPA and 'above ground' structure of the trees (refer to Appendix F of this report for details of the *BS 5837:2012* default specification for protective barriers). Any other fence or barrier used must be approved by the arboriculturist prior to installation.

5.1.3 The location and alignment of all temporary protective barriers are detailed within the Tree Protection Plan (Appendix E of this report).

5.1.4 Protective barriers will ensure that construction can be undertaken without intruding into the RPA, remaining in place until the proposed construction of the pipeline and its associated enabling works has been completed.

5.1.5 The area within the protective barriers i.e., tree side, will be a CEZ for the duration of the works.

5.1.6 All weather notices should be erected on the barrier with words such as: "Tree Protection Area - Keep out".

5.1.7 The following prohibitions shall also apply within the area enclosed by the temporary protective barriers:

- No mechanical digging or scraping
- No storage of plant, equipment, or materials
- No vehicular or plant access
- No fire lighting within 10 metres of tree canopies
- No handling, discharge, or spillage of any chemical substance, including cement washings and vehicle washings within 10 metres
- No action likely to cause localised waterlogging
- No alteration of ground levels
- No construction of hard surfaces
- No attachment of boards, hoarding, cables, or notices or fencing to trees
- No storage of excavated materials

5.1.8 Special care is to be taken on sloping ground where spillages could run towards the trees. A collecting channel dug along the outer line of the protective fencing would be one method of avoiding such damage.

5.2 Temporary ground protection

5.2.1 The retained trees that require temporary ground protection during construction are detailed within the TPP and the actions for the Scheme table (Table 4-2).

5.2.2 Where all activity can be excluded from the RPA, vertical barriers should be erected to create a CEZ. Where, due to site constraints, construction activity cannot be fully or permanently excluded in this manner from all or part of a tree's RPA, appropriate ground protection should be installed.

5.2.3 Temporary ground protection should be capable of supporting any traffic entering or using the site without being distorted or causing compaction of underlying soil. Ground protection must be installed in accordance with *BS 5837:2012* and positioned to protect the defined RPA of the trees (refer to Appendix F for details of the *BS 5837:2012* default specification for ground protection).

5.2.4 The ground protections dimensions may mean that it extends past the protective barrier positions, in this case, the ground protection should be sitting underneath the protective barriers. The locations of all temporary ground protection are detailed within the Tree Protection Plans (Appendix E).

5.3 Tree pruning operations

5.3.1 The retained trees that require pruning to facilitate construction are detailed within the TPP and the actions for the Scheme table.

5.3.2 Tree works required to facilitate the development must be carried out prior to the commencement of any on site operations.

5.3.3 All tree works must be carried out in accordance *with BS 3998:2010 Tree work. Recommendations.*[8]

5.3.4 Where it is necessary to operate machinery and plant near retained trees, and there is a risk of damage being caused through physical contact with the above ground structure of the tree, an assessment must be made by a qualified arboriculturist to identify suitable mitigation measures. This may comprise facilitative pruning to provide adequate clearances for machinery.

5.3.5 Any unforeseen tree works that become apparent during the construction process must require consent from either the appointed arboriculturist and/or the Local Authority Tree Officer.

[8] British Standard BS 3998:2010 Recommendations for Tree Work; Third (present) edition, December 2010; ISBN 978 0 580 53777 6.

5.4 Supervision and Inspection

5.4.1 Where it is unclear to what extent a group or woodland is retainable, supervision of the felling/clearance operations and an inspection of the temporary protection measures, once installed, is required to determine what trees are safely retainable and the appropriate protection and mitigation measures.

5.4.2 The Scheme arboriculturist should provide supervision at three intervals during the development of the proposal when in proximity of W133, veteran trees T038, T136, and T139, and groups G005 and G024. These intervals should be:

- Prior to the commencement of construction operations and following the installation of temporary protection measures to ensure effectiveness and suitability
- During construction of the proposal in proximity
- On completion of the construction operations in this location

5.4.3 If it becomes apparent that additional areas require supervision following the issue of this report, then the Scheme arboriculturist should be consulted to establish appropriate action.

5.4.4 The Site Agent/Manager will be responsible for the day-to-day prevention and exclusion of all actions and operations in the vicinity of retained trees that are likely to cause damage to retained or protected trees e.g., fires, use of cranes and excavators.

5.5 Excavation and earthworks within the RPA

5.5.1 Excavation works within the RPA of trees T038, T136, and T139 must be carried out with supervision from a competent arboriculturist and in accordance with the recommendations in *BS 5837:2012* (7.2). This is secured in reference B17 of Table 3-2 REAC of the First Iteration EMP **(TR010065/APP/6.5)**.

5.5.2 Unless otherwise agreed by the supervising arboriculturist, excavation of the top 600mm of soil within the RPA of retained trees should be carried out using hand tools or compressed air e.g. Air-Spade or vacuum excavation.

5.5.3 If individual roots or clumps are discovered, those less than 25mm wide can be cut cleanly without consultation with the supervising arboriculturist. Individual roots and clumps greater than 25mm in width will be retained where possible and only cut after agreement by the supervising arboriculturist. Exposed roots to be removed should be cut cleanly 100–200mm behind the final face of the excavation. Roots temporarily exposed, but to be retained should be protected

from direct sunlight, drying out, and extremes of temperature by appropriate covering such as dampened hessian sacking.

5.6 Wildlife and environmental legislation

5.6.1 It should be noted that the Contractor will be responsible under the Wildlife and Countryside Act 1981 (as amended), the Conservation of Habitat Regulations 2017 (as amended), and the Countryside Rights of Way Act 2000, to take all reasonable action to identify the presence of protected species in the works area/surroundings and comply fully with the law in relation to impacts associated with any instructed works.

5.6.2 If tree works are carried out during the bird nesting season (March to August inclusive), trees will need to be inspected by a qualified ecologist within the 24-hour period prior to the commencement works.

5.6.3 The First Iteration EMP **(TR010065/APP/6.5)** includes full details of all the ecological management and mitigation measures.

6 References

[1] British Standard BS 5837:2012 Trees in Relation to design, demolition and construction – Recommendations; April 2012; ISBN 978 0 580 69917 7.

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

[3] National Policy Statement for National Networks available at: National Policy Statement for National Networks (publishing.service.gov.uk) (Last accessed December 2023).

[4] Department for Levelling Up, Housing & Communities (December 2023). National Planning Policy Framework [online] available at: National Planning Policy Framework (publishing.service.gov.uk) (last accessed March 2024).

[5]Department for Environment Food and Rural Affairs (Defra), Multi-Agency Geographic Information for the Countryside (MAGIC) available at: Magic Map Application (defra.gov.uk) (Last accessed December 2023).

[6] What are ancient & veteran trees | Ancient Tree Forum

[7] JNCC (2010) Handbook for Phase 1 Habitat Survey - a technique for environmental audit [online] Available at: Handbook for Phase 1 Habitat Survey (jncc.gov.uk) (Last accessed December 2023).

[8] British Standard BS 3998:2010 Recommendations for Tree Work; Third (present) edition, December 2010; ISBN 978 0 580 53777 6.

A. Appendix: Key to tree survey schedule

Appendix Table A-1: Key to tree survey schedule

Tree Referencing	Individual Trees: Number Grouped Trees:G (+number) Hedgerows: H (+number) Woodlands: W (+number)
Life stage	Young: Usually <15 years Semi-mature: Significant growth expected, approximately one third of life expectancy complete Early-Mature: Full height achieved with further significant growth possible, up to two thirds of life expectancy complete Mature: Full height has been achieved with possible spreading of the canopy, usually past two thirds of overall life expectancy Veteran: Usually a tree of significant age with characteristics that give additional cultural, landscape and conservation benefits, Over-mature: A tree declining due to age as indicated by deterioration in the health and condition of its crown and trunk.
Species	Botanical Name: conforming to the International Code of Nomenclature for algae, fungi, and plants (ICN). For universal plant recogn Common Name: commonly used names usually on a local and national scale.
Tree Height	The vertical distance between the base of the tree (where soil and buttress meet) and the tip of the highest branch on the tree.
Crown Height	Measured from ground level to the height at which the main crown begins.
Stem Diameter	Stem diameter is measured in mm at 1.5m above ground level, in accordance with Annex C of BS 5837:2012.

Crown	Measurements taken from all four cardinal points in metres.	
Crow, Stem and Basal Condition	Good	Usually healthy with no symptoms of poor health or disease.
	Fair	Exhibiting signs of poor health or minor disease infections that are not considered to be hazardous.
	Poor	Disease present in considerable quantities or with very poor physiological vigour.
	Very Poor	Tree is in a moribund state in extremely poor condition, usually with little chance of recovery.
General Physical Condition	Good	A tree with no significant structural defects.
	Fair	Minor defects may have been observed but are not considered to be immediately hazardous.
	Poor	Significant defects found. Tree requires monitoring or remedial works.
	Very Poor	Major defects that require immediate remedial work or the removal of the tree.
Life Expectancy	The estimated number of years before the tree may require removal should no unexpected mechanical or environmental impacts occur to the tree.	
Retention Category	Please refer to Cascade Chart for tree quality assessment table in Appendix B.	
Comments	Notes are made to inform of any possible defects, peculiarities or points of interest that may relate to the trees position, physiology, safety and possible effects on developments.	

B. Appendix: BS 5837:2012 Cascade chart for tree quality assessment

Appendix Table B-1: BS 5837:2012 Cascade chart for tree quality assessment

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

C. Appendix: A46 Newark Bypass tree survey schedule

Appendix Table C-1: A46 Newark Bypass tree survey schedule: Part 1

Tree ID	Species	Height (m)	Stem Diameter (mm)	Branch spread N (m)	Branch spread E (m)	Branch spread S (m)	Branch spread W (m)	First significant branch height (m)	Canopy height (m)	Life Stage	Vitality	General observations	Preliminary management recommendations	Estimated Remaining Contribution (Years)	Category Grading	RPA Radius (m)	Impact: Remove / Part Remove / Retain (REM, PRG, RET)
T001	Common Lime	7	330;300	4.0	4	4	4	2s	1.5	EM	Good	Basal growth prevents full inspection of stem. Included branch union at base of stem. Historic stem removal at ground level to west. Co-dominant stems. Both stems have included bark unions at 1.5m. Historically crown lifted away from road to north east.	No works presently required.	10+	C1	1.8	N/A
T002	Norway Maple	10	430	6.0	6	6	6	2all	1	EM	Fair	Crown historically reduced from adjacent south field. Well balanced and formed crown.	No works presently required.	20+	B1	5.2	N/A
T003	Norway Maple	9	360	5.0	5	6	6	2s	1.5	EM	Good	Well balanced and formed crown. Minor deadwood within canopy.	No works presently required.	20+	B1	4.3	N/A
G004	Field Maple	11	320;240;240;250	6.0	6	3	6	1all	1.5	EM	Good	Group of 2no. even aged Field Maple. Partner trees. Measurements taken from largest tree west in group. Several small diameter cavities on the main stem of tree east. Dominant tree west in group. Both historically reduced away from power lines to south.	No works presently required.	20+	B2	6.9	N/A
G005	Norway Maple	12	600	7.0	7	7	7	2all	0	SM - EM	Good	Group of Norway Maple on centre of roundabout. <5% major deadwood in all crowns. Several trees with low forming crown breaks at 1-1.5m. 1no. tree within centre has large strip wound on main stem, extending from ground level to 3m. Signs of partial occlusion of wound. Minor decay at base and 1.5m of wound probed to depths of 100mm. Not currently significant.	No works presently required.	20+	B2	7.2	N/A
G006	Mixed Group	9	250	3.0	3	3	3	1all	0	SM - EM	Good	Mixed group consisting of Birch, Elm, Field Maple and Ash. 1no. dead elm within group. Newly planted Hawthorn hedge directly behind group to southwest.	No works presently required.	20+	C2	3.0	N/A
H007	Mixed Hedgerow	2.5	80	1.0	1	1	1	N/A	0	SM	Good	Linear hedge consisting of Hawthorn and Blackthorn. Large gaps within hedge. Maintained at approx. 2m. Section to west is predominantly continuous and has better form.	No works presently required.	20+	C2	1.0	N/A
H008	Mixed Hedgerow	2	80	1.0	1	1	1	N/A	0	SM	Good	Predominantly continuous linear hedge consisting of Hawthorn and Blackthorn. Located on north side of ditch. Historically maintained at 1.5m.	No works presently required.	20+	C2	1.0	N/A
G009	Hawthorn, Ash, Elm, Sycamore and Silver Birch	8	250	3.5	3.5	3.5	3.5	N/A	0	SM-EM	Poor to good	Group of Hawthorn, Ash, Elm, Sycamore and Silver Birch generally extending from highways fence to carriageway closer to roundabout. Elm predominates of which 10% of stems are dead and declining. Approx. 2.5m wet ditch parallel to carriageway limits access.	Fell dead trees in falling distance of carriageway.	20+	C2	3.0	N/A
H010	Hawthorn	2	80	1.0	1	1	1	N/A		SM	Good	Linear managed hedge of Hawthorn at field boundary.	No works presently required	40+	C2	1.0	N/A
H011	Hawthorn	2.5	50;50	1.0	1	1	1	N/A	0	SM	Good	Linear managed hedge of Hawthorn at edge of highways verge. Small section of hedge extends into field gateway. Occasional young Sycamore, Ash, Field Maple and Oak standards growing roadside of hedge.	No works presently required	40+	C2	0.8	N/A
G012	A Group	7	250	3.0	3	3	3	1 all	0.5	SM	Good	Small group of Ash and Cherry within grounds of Elk Motor Sport.	No works presently required	20+	C2	3.0	N/A
H013	A Hedgerow	7	150	3.0	3	3	3	N/A	0	SM - EM	Good	Linear hedge consisting of Hawthorn, Elm, Blackthorn and Phlox. Large gaps within hedge due to several dead elm standards. Heights range from 2-7m. Sections maintained at 2m, whilst others have been allowed to lapse management now obscuring road signs. Bramble and rose growing through hedge. Towards south of hedgeline are several Elm standards.	No works presently required.	20+	C2	1.8	N/A
H014	A Hedgerow	2	70	1.0	1	1	1	N/A	0	EM	Fair	Linear hedgerow of Hawthorn and occasional privet. Managed at approx. 2m height. Hedge with gaps and thin close to ground level.	No works presently required	20+	C2	0.8	N/A
G015	Common Apple	7	150;150	3.0	3	3	3	1all	0	SM - EM	Fair	Group of approx. 10 no. Apple trees. Tree historically reduced away from north and south field. 1no. tree to east has multiple brackets of Inonotus hispidus on stem.	No works presently required.	20+	B2	2.5	N/A

Tree ID	Species	Height (m)	Stem Diameter (mm)	Branch spread N (m)	Branch spread E (m)	Branch spread S (m)	Branch spread W (m)	First significant branch height (m)	Canopy height (m)	Life Stage	Vitality	General observations	Preliminary management recommendations	Estimated Remaining Contribution (Years)	Category Grading	RPA Radius (m)	Impact: Remove / Part Remove / Retain (REM, PRG, RET)
G016	A Group	8	270	3.5	3.5	3.5	3.5	N/A	0	EM	Fair	Linear group straddling ditch line between properties. Elm species are dominant but group also includes Hawthorn and Norway Maple. 5no dead Elm within group.	Fell dead Elm within falling distance of public access.	10+	C2	3.2	N/A
H017	Common Hawthorn	3	80	1.0	1	1	1	N/A	0	SM	Good	Continuous linear hedgerow consisting of Hawthorn. Historically maintained at 2m. Rose growing through sections of hedge.	No works presently required.	20+	C2	1.0	N/A
H018	A Hedgerow	4	80;80	1.5	1.5	1.5	1.5	N/A	0	EM	Fair	Linear hedge at field boundary. Species include Hawthorn, Field Maple, Elm and Elder. Historically managed at 1-1.5m but has grown out in places. Hedge is thin beneath tree groups and is not continuous.	No works presently required	20+	C2	1.4	N/A
G019	A Group	8	150;150	2.0	2	2	2	N/A	0	SM	Good	Group of Ash grown out from hedge. Several layered stems. Group is non- continuous.	No works presently required.	40+	C2	2.5	N/A
T020	Sycamore	12	270;220;220;220;220	6.0	6	7	7	0 all	0	M	Good	Old coppice stool. Good form. Congested branch work.	No works presently required	40+	B1	6.2	N/A
H021	A Hedgerow	2	50;50	0.8	0.75	0.75	0.75	N/A	0	SM	Good	Linear, non-continuous hedge of Hawthorn at field boundaries. Historically managed at approx. 2m.	No works presently required	40+	C2	0.8	N/A
G022	A Group	10	300	3.5	3.5	3.5	3.5	N/A	0	EM	Fair to good	Fair to good. Small group of Sycamore, Elder, Hawthorn and 1no Scots Pine in hedgeline. Most trees with dense ivy encroachment and stunted growth. Unable to inspect stems. 1no 2m tall hollow monolithed stem within group.	No works presently required	20+	C2	3.6	N/A
T023	Sycamore	15	780	7.0	7	7	8	2w	1	M	Fair	Located in hedgerow. Dense ivy encroachment prevents full inspection of base and stem. Moderate basal growth. Ivy extends up into crown to 11m. Minor top dieback of several inner laterals, sparse crown. <5% major deadwood in crown.	No works presently required.	20+	B1	9.4	N/A
G024	A Group	To 23	600	5.0	5	5	5	N/A	0	M	Fair	Large group of mature Sycamore, Scots Pine, Corsican Pine, Horse Chestnut and Common Ash. Understory of semi mature Hawthorn, Field Maple, Sycamore, Elm and Elder reaching heights of 10m. Trees are intermittently spaced. Location and species of Trees with stems 350mm+ plotted separately. Corsican Pine are closely spaced with mutually competing crowns. Younger Elm line carriageway side of dry shallow ditchline. 3no dead and declining stems. Declining adjacent to carriageway. Over mature Horse Chestnut recorded separately. 10% of stems with dense ivy encroachment.	Fell dead trees within falling distance of road.	40+	B2	7.2	N/A
G024a	Field Maple	N/A	400	7.0	7	7	8	N/A	1	M	Fair to good	Part of group G024	No works presently required	20+	B2	4.8	N/A
G024b	Sycamore	N/A	600	7.0	7	7	8	N/A	1	M	Fair to good	Part of group G024	No works presently required	20+	B2	7.2	N/A
G024c	Corsican Pine	N/A	600	7.0	7	7	8	N/A	1	M	Fair to good	Part of group G024	No works presently required	20+	B2	7.2	N/A
G024d	Corsican Pine	N/A	600	7.0	7	7	8	N/A	1	M	Fair to good	Part of group G024	No works presently required	20+	B2	7.2	N/A
G024e	Corsican Pine	N/A	600	7.0	7	7	8	N/A	1	M	Fair to good	Part of group G024	No works presently required	20+	B2	7.2	N/A
G024f	Corsican Pine	N/A	600	7.0	7	7	8	N/A	1	M	Fair to good	Part of group G024	No works presently required	20+	B2	7.2	N/A
G024g	Field Maple	N/A	400	7.0	7	7	8	N/A	1	M	Fair to good	Part of group G024	No works presently required	20+	B2	4.8	N/A
G024h	Corsican Pine	N/A	600	7.0	7	7	8	N/A	1	M	Fair to good	Part of group G024	No works presently required	20+	B2	7.2	N/A

Tree ID	Species	Height (m)	Stem Diameter (mm)	Branch spread N (m)	Branch spread E (m)	Branch spread S (m)	Branch spread W (m)	First significant branch height (m)	Canopy height (m)	Life Stage	Vitality	General observations	Preliminary management recommendations	Estimated Remaining Contribution (Years)	Category Grading	RPA Radius (m)	Impact: Remove / Part Remove / Retain (REM, PRG, RET)
G024i	Corsican Pine	N/A	600	7.0	7	7	8	N/A	1	M	Fair to good	Part of group G024	No works presently required	20+	B2	7.2	N/A
G024j	Corsican Pine	N/A	600	7.0	7	7	8	N/A	1	M	Fair to good	Part of group G024	No works presently required	20+	B2	7.2	N/A
G024k	Corsican Pine	N/A	600	7.0	7	7	8	N/A	1	M	Fair to good	Part of group G024	No works presently required	20+	B2	7.2	N/A
G024l	Corsican Pine	N/A	600	7.0	7	7	8	N/A	1	M	Fair to good	Part of group G024	No works presently required	20+	B2	7.2	N/A
G024m	Sycamore	N/A	600	7.0	7	7	8	N/A	1	M	Fair to good	Part of group G024	No works presently required	20+	B2	7.2	N/A
G024n	Scots Pine	N/A	600	7.0	7	7	8	N/A	1	M	Fair to good	Part of group G024	No works presently required	20+	B2	7.2	N/A
G024o	Common Ash	N/A	600	7.0	7	7	8	N/A	1	M	Fair to good	Part of group G024	No works presently required	20+	B2	7.2	N/A
G024p	Corsican Pine	N/A	600	7.0	7	7	8	N/A	1	M	Fair to good	Part of group G024	No works presently required	20+	B2	7.2	N/A
G024q	Corsican Pine	N/A	600	7.0	7	7	8	N/A	1	M	Fair to good	Part of group G024	No works presently required	20+	B2	7.2	N/A
G024r	Scots Pine	N/A	600	7.0	7	7	8	N/A	1	M	Fair to good	Part of group G024	No works presently required	20+	B2	7.2	N/A
G024s	Scots Pine	N/A	600	7.0	7	7	8	N/A	1	M	Fair to good	Part of group G024	No works presently required	20+	B2	7.2	N/A
G024t	Common Oak	N/A	600	7.0	7	7	8	N/A	1	M	Fair to good	Part of group G024	No works presently required	20+	B2	7.2	N/A
T025	Common Horse Chestnut	14	880	9.0	8	9	9	3sw	1	OM	Fair/ Poor	Kretzschmaria deusta located at base of tree to east and south. Fungi extends up to 0.5m on stem on south side. Hammer resonates hollowing of stem to 1.5m. Crown thinning. Upper crown exhibits denser foliage. Tip dieback of laterals. Historically crown reduced away from A46 to east.	Further investigation using impulse tomography at base of stem if public access is within 1.5x height of tree.	10+	C1	10.6	N/A
T026	Common Oak	10	660	5.0	6.5	7	6.5	4.5 all	0.5	EM	Good	Dense ivy encroachment prevents full inspection of stem. Crown breaks at 3.5m. Stout form. Dense ivy suppressing interior growth in crown.	No works presently required	40+	B1	7.9	N/A
H027	A Hedgerow	2.54	50;50;50;50	1.2	1.2	1.2	1.2	N/A	0	EM	Good	Near continuous linear hedge of Hawthorn interspersed with Elder.	No works presently required	40+	C2	1.2	N/A
H028	A Hedgerow	3	270	1.0	1	1	1	N/A	0	EM	Good	Linear hedge of Hawthorn managed at 2.5m height. Trees to northwest comprised of single stems with several gaps.	No works presently required	40+	C2	3.2	N/A
T029	Common Oak	8.5	350	5.0	6	5	6	3 e	0.5	EM	Good	Typical hedgerow specimen, with squat form. Distorted stem growth due to historic pruning, to which tree appears to have adapted. Crown breaks at 3m.	No works presently required	40+	B1	4.2	N/A
G030	Mixed Group	9	260	4.0	5	4	5	3e	1	EM	Poor	Mixed group consisting of Prunus, Hawthorn, Elm, Field Maple, Oak and Cotoneaster. Measurements taken from largest tree in group, centre Cherry. Located on north side of mound. Group growing through existing fence line. Several small diameter wounds in stem of largest Cherry in group.	No works presently required.	20+	C2	3.1	N/A

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G031	A Group	13	310;280	6.0	6	6	6	N/A	0	EM	Good	Linear group of planted screening comprised of Downy Birch, English Oak, Field Maple, Hawthorn at boundary of Fuel Garage. Trees to northeast end of group are growing on bank of mounded spoil. Most trees with dense ivy encroachment preventing inspection of stems. There are several smaller trees in group of low value, but collectively the trees provide visual screening. Mutually competing crowns.	Fell dead birch stem at southern end of group.	20+	B2	5.0	N/A
G031a	Downy Birch	13	310;280	6.0	6	6	6	N/A	1	EM	Good	Part of group G031	No works presently required.	20+	B2	5.0	N/A
G031b	Downy Birch	13	310;280	6.0	6	6	6	N/A	1	EM	Good	Part of group G031	No works presently required.	20+	B2	5.0	N/A
G031c	Common Oak	13	310;280	6.0	6	6	6	N/A	1	EM	Good	Part of group G031	No works presently required.	20+	B2	5.0	N/A
G031d	Field Maple	13	310;280	6.0	6	6	6	N/A	1	EM	Good	Part of group G031	No works presently required.	20+	B2	5.0	N/A
G031e	Field Maple	13	310;280	6.0	6	6	6	N/A	1	EM	Good	Part of group G031	No works presently required.	20+	B2	5.0	N/A
G031f	Common Oak	13	310;280	6.0	6	6	6	N/A	1	EM	Good	Part of group G031	No works presently required.	20+	B2	5.0	N/A
G031g	Field Maple	13	310;280	6.0	6	6	6	N/A	1	EM	Good	Part of group G031	No works presently required.	20+	B2	5.0	N/A
G031H	Field Maple	13	310;280	6.0	6	6	6	N/A	1	EM	Good	Part of group G031	No works presently required.	20+	B2	5.0	N/A
G031i	Turkey Oak	13	310;280	6.0	6	6	6	N/A	1	EM	Good	Part of group G031	No works presently required.	20+	B2	5.0	N/A
G031j	Common Oak	13	310;280	6.0	6	6	6	N/A	1	EM	Good	Part of group G031	No works presently required.	20+	B2	5.0	N/A
G031k	Downy Birch	13	310;280	6.0	6	6	6	N/A	1	EM	Good	Part of group G031	No works presently required.	20+	B2	5.0	N/A
G031l	Field Maple	13	310;280	6.0	6	6	6	N/A	1	EM	Good	Part of group G031	No works presently required.	20+	B2	5.0	N/A
G031m	Field Maple	13	310;280	6.0	6	6	6	N/A	1	EM	Good	Part of group G031	No works presently required.	20+	B2	5.0	N/A
G031n	Scots Pine	13	310;280	6.0	6	6	6	N/A	1	EM	Good	Part of group G031	No works presently required.	20+	B2	5.0	N/A
T032	Downy Birch	8	260;180	2.0	2	2	2	0.3sw	1	EM	Dead	Co-dominant dead Birch. No live foliage visible. Signs of flux associated with bacterial wetwood at base of tree to west.	Fell and remove.	<10	U	3.8	N/A
T033	Common Ash	7	150	3.0	3	3	3	2all	3	SM	Fair	Crown break at 2m. Historically crown lifted. Minor damage to stem suspected cause is mechanical damage.	No works presently required.	20+	C1	1.8	N/A
H034	Mixed Hedgerow	1.5	75	0.5	0.5	0.5	0.5	N/A	0	SM	Fair	Linear hedgerow consisting of predominantly Hawthorn with Euonymus. Well maintained.	No works presently required.	20+	C2	0.9	N/A
G035	Mixed Group	14	350	5.0	5	5	5	N/A	0	SM - EM	Good	Mixed group consisting of Common Oak, Turkey Oak, Birch, Field Maple and Ash. Approximately 3m spacings between larger trees and are generally planted 3 to 4 in a row. Several trees with ivy encroaching on stems, preventing full inspection of base and stems. <5% major deadwood in crowns. Good screening value.	No works presently required.	40+	B2	4.2	N/A
G036	Mixed Group	15	300;300;280	6.0	6	6	6	4n	3	SM - EM	Good	Mixed group consisting of Ash, Sycamore, Paper Birch and Goat Willow. Predominantly EM aged trees west with group. Group is located on north side of stream on banked surface extending towards northbound carriage way of A46. Level change from adjacent field to ditch is approx. 3m. Limited access to base of trees, prevents full inspection. Approx. 20 no. larger trees in group with intermittent spacings between stems. 1no. Ash east in group displaying tip dieback of upper crown. Holly, Hawthorn and Oak understory. Sections with dense bramble thicket. Erosion of soils have exposed root systems of several trees in centre of group. <5% major deadwood in crowns.	No works presently required.	20+	B2	6.1	N/A

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G037	Mixed Group	14	350	3.0	3	4	3	2s	1	SM - EM	Good	Mixed group consisting of Common Oak, Turkey Oak, Scots Pine, Ash and Prunus. Screened planting. Planted in 3 rows. North row to centre row = 2.5m spacing. Centre to south row = 1.5m spacing. Spacing between trees in rows range from 2-4m. Occasional outlayed trees planted away from established rows. <5% major deadwood throughout all crowns. Understory of Portuguese Laurel.	No works presently required.	40+	B2	4.2	N/A
T038	Common Oak	25	1700	13.0	13	13	10	3s	0.5	Vet	Good	Veteran tree. Huge structure located on edge of southwestern bank to stream. Well established buttressing around entire base. Crown breaks at 4.5m. Central co-dominant historically failed at 10m. Storm damage throughout crown. 5% major and minor deadwood in crown. Decayed, crumbly old fungal bracket attachment at base of buttress to west. Unable to identify. Associated decay appears localised and can be probed to a depth of 5cm. Historical wounds on west side of stem with exposed wood and loose bark. Moderate ivy encroachment.	Climbed inspection and detailed inspection of stem base if public access within 1.5 x tree height.	40+	A1	20.4	N/A
G039	A Group	10	150	3.0	3	3	3	N/A	0	EM	Fair to good	Suspected grown out hedge growing on southwestern bank to stream. Dense ivy throughout crowns. Trees intermittently spaced, but generally between 2-10m apart.	No works presently required	20+	C2	1.8	N/A
T040	Common Ash	17	1000	9.0	8	9	9	3 all	4	M	Good	Located on southwestern bank to stream. Decay evident at old failure points in crown. Crown breaks at 4m, possible old pollard. Crown historically reduced. Ivy in crown.	No works presently required	20+	B2	12.0	N/A
G041	Common Ash	16	530	5.0	6	6	6	3.5se	5	M	Fair	3 no. cankers on main stem from ground level to 2.5m. Canker at base has area of minor decay, probed to 80mm. Historic lateral failure to north at 6m. Large diameter cavity present at union of failure. >5% major deadwood. Upper canopy has good vitality.	No works presently required.	10+	C1	6.4	N/A
G042	Mixed Group	15	400	6.0	6	6	6	1s	2	EM	Good	Mixed group consisting of Ash, Horse Chestnut, Sycamore and Willow. Group located on south side of stream. Measurements taken from largest tree in group, Ash furthest south. Ivy encroaching on stems prevents full inspection. Willow east in group has historic co dominant stem failure at 1m. Horse Chestnut foliage has leaf miner present within lower canopy. <5% major deadwood within crowns.	No works presently required.	20+	B2	4.8	N/A
T043	Common Ash	19	650;550	6.0	6	9	9	5n	2.5	M	Good	Located in edge of field. Moderate soil compaction at base. Exposed root system. Historic wounds on stem. Decay at old wounds throughout crown. 10% large diameter deadwood throughout crown.	Tree currently associated with low target area. Remove deadwood if public access beneath crown.	40+	B1	10.2	N/A
G044	Hawthorn	6	220	2.5	2.5	2.5	2.5	N/A	0.5	EM	Good	Grown out hedge of Hawthorn with 18no stems. Some now leggy.	No works presently required	20+	C2	2.6	N/A
G045	A Group	20	530	6.0	6	6	3	N/A	0	EM-M	Poor to Good	Large group of Common Ash canopy trees and Hawthorn, Pear and Privet understory. The dominant ash are intermittently spaced, but generally located 3-8m apart and are generally located next to the boundary fences at the southern end of group. Many of the ash have old wounds and Inonotus hispidus fungal decay bracket attachments and related decay.	No works presently required	40+	B2	6.4	N/A
G046	A Group	14	420	4.0	4	4	4	N/A	0	SM-EM	Fair to good	Group spanning between boundary fences (approx. 20m wide). Species include Horse Chestnut, Hawthorn, Oak and Ash. Dense ivy encroaching most stems.	No works presently required	40+	C2	5.0	N/A
G047	A Group	18	430	5.0	5	5	5	N/A	1	SM-EM	Fair to good	Large dense belt of planted trees. Irregularly spaced but generally trees are 2-5m apart. Species include Leyland Cypress, Wild Cherry, Sycamore, Downy Birch, Common Ash, Lime, Common Oak, understorey of Ceanothus, Hazel and Hawthorn. Mainly screening value.	No works presently required	40+	B2	5.2	N/A
G048	Mixed Group	8	100	2.0	2	2	2	N/A	0	SM	Good	Mixed group of Prunus, Hawthorn, Ash, Lime, Field Maple, Blackthorn and Sycamore. Mixture of planted and self-sown trees. Sections of bramble growing through understory.	No works presently required.	20+	C2	1.2	N/A
G049	Mixed Group	8	120;100	2.0	3	2	2	N/A	0	SM	Fair	Group consisting of approx. 10 no. Cherry with understory of bramble and self-sown Ash. Crowns predominate to east due to neighbouring suppression.	No works presently required.	20+	C2	1.9	N/A

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G050	A Group	20	400	2.5	2.5	2.5	2.5	N/A	0	EM	Fair	Linear screen planting of Leyland Cypress located directly adjacent to boundary fence. Trees are generally 3-4m apart. No recent management evident. Row occasionally interspersed by Cherry plantings.	No works presently required	20+	B2	4.8	N/A
G051	A Group	19	530	6.5	6.5	6.5	6.5	N/A	0.5	EM	Good	Fair to good. Large planted screening block. Trees are intermittently spaced, but generally between 2-5m apart. Group is generally 2-3 trees have wide and located between G49 and boundary fence to north. Dominant species include Lombardy Poplar, Horse Chestnut, Red Oak, Sycamore, Common Oak, Leyland Cypress, Silver Birch. Generally in good condition. Understory of Hawthorn and Holly.	No works presently required	40+	B2	6.4	N/A
G052	Mixed Group	7	150	2.0	2	2	2	N/A	0	SM - EM	Good	Mixed group of Hawthorn, Blackthorn and Elm. Bramble, vine and rose growing through sections of group.	No works presently required.	20+	C2	1.8	N/A
T053	Common Horse Chestnut	16	1370	8.0	8	8	10	3all	1	OM	Good	Several large wounds with exposed desiccated wood on buttress roots in all cardinal directions. Wounds extend up main stem to 2m on south side, directly below crown break union. No signs of decay present. Approx. 180mm diameter cavity on north of stem at 2m. Probed to a depth of 400mm. Crown break into 3 main stems at 2m. Horse Chestnut Leaf Miner present on foliage in lower canopy. Good form with predominantly well balanced crown. 1no. over extended lateral to west at 8m. Prominent tree within landscape. Locally notable.	Aerial inspection of main union at 2.5m with further recommendations based on findings, if public access is within 1.5x height of tree.	20+	B3	16.4	N/A
T054	Sycamore	11	520	6.0	4	4	5	N/A	0	M	Poor	Dense vegetation at base prevents full inspection. Located within centre of farming field, suspected compaction of soils and spraying of pesticides contributing to physiological state. 1no. cavity on stem to west at 2m. Decay visibly present. Major tip dieback of upper canopy and laterals. >5% major deadwood in crown.	No works presently required.	<10	C1	6.2	N/A
H055	Common Hawthorn	3	100	1.0	1	1	1	N/A	0	SM	Good	Continuous linear hedge of Hawthorn. Regularly maintained at 2m. 2 no. Sycamore and 1 no. Ash standards located adjacent hedge on south side between A1 and farmers field. Standards heights range from 5 - 7m.	No works presently required.	20+	B2	1.2	N/A
G056	A Group	13	270;270;230	6.0	6	6	6	N/A	0	EM	Good	Group of highways trees located between footpath and boundary fencing with third party properties. Group follows shape of carriageway and roundabout. Trees intermittently spaced. Species include Common Oak, Wild Cherry and Field Maple. Dense ivy prevents inspection of most stems.	No works presently required	40+	C2	5.4	N/A
G057	A Group	7	180	2.0	2	2	2	N/A	0.5	SM	Fair	Scrubby group of mixed deciduous trees including Field Maple located on roundabout island. Ivy encroaching stem s. No access to inspect at time of survey. Dieback evident in 10% of crowns. Approx. 25no trees.	No works presently required	20+	C2	2.2	N/A
G058	A Group	6	180;180	4.0	4	4	4	Ns	0	SM-EM	Fair to good	Group of 3 x Cherry trees. Closely spaced affecting form.	No works presently required	20+	C2	3.1	N/A
G059	A Group	4.5	200	2.5	2.5	2.5	2.5	2 all	1.8	EM	Fair	2 x Rowan, 3m apart located 1.5m outside boundary fence and inside garage complex.	No works presently required	20+	C2	2.4	N/A
H060	A Hedgerow	4	75;75	1.5	1.5	1.5	1.5	N/A	0	SM-EM	Fair to good	Unmanaged hedge of Hawthorn.	No works presently required	40+	C2	1.3	N/A
G061	A Group	9	270	3.0	3	3	3	N/A	0	EM	Good	Scrubby group of Ash, Goat Willow and Birch located just within highways boundary fence. No access to inspect stems. Trees straddle ditch.	No works presently required	20+	C2	3.2	N/A

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T062	Common Alder	8	290	3.0	3	3	3	3 all	2.5	EM	Poor	No access to stem base. Crown sparse and declining.	No works presently required	<10	U	3.5	N/A
H063	A Hedgerow	3.5	75;75	0.8	0.75	0.75	0.75	N/A	0	SM-EM	Good	Recently unmanaged. Historically managed at 2-2.5m height. Hedge predominantly comprised of Hawthorn but also including Elder, Apple. Occasional trees breaking out from hedge.	No works presently required	20+	C2	1.3	N/A
G064	Sycamore	10	400	5.0	5	5	6	3w	4	EM	Good	Group of 2 no. Sycamore. Located within hedgerow with ivy encroaching on main stems preventing full inspection. Historically lifted from pathway to west to 4m. <5% minor and major deadwood.	No works presently required.	20+	B2	4.8	N/A
G065	A Group	3 10	150;150;150	4.5	4.5	4.5	4.5	N/A	0	SM-EM	Good	Linear group of predominantly Elm with Ash and Hawthorn and Elder understory in Highways central reservation. Unable to access to inspect due to volume of traffic at time of survey. Most trees are multi-stemmed. The group is not continuous (gaps up to 15m, but predominantly dense with stems. Dead and declining stems. Restricted rootzones. Mutual competition for light. <5% of elm clumps with evidence of DED	Remove dead and declining trees.	10+	C2	2.5	N/A
G066	Mixed Group	8	350	4.0	2	4	5	2nw	2	EM	Good	Group of 2 no. even aged Norway Maple and 1 no. Field Maple. Located 1m from existing footpath. Historically crown lifted away from footpath. Measurements taken from largest tree furthest south in group. Tree furthest south has cavity from historic storm damaged limb on stem at 1.5m. Not currently significant. Tree furthest north has tip dieback of lower laterals. <5% minor deadwood.	No works presently required.	20+	B2	4.2	N/A
G066a	Norway Maple	8	350	4.0	2	4	5	N/A	2	EM	Good	Part of group G066	No works presently required.	20+	B2	4.2	N/A
G066b	Field Maple	8	350	4.0	2	4	5	N/A	2	EM	Good	Part of group G067	No works presently required.	20+	B2	4.2	N/A
G067	Mixed group	11	300	4.0	5	4	2	2all	2	EM	Good	Mixed group of Norway Maple, Field Maple and Sycamore. Located within native hedgerow. Limited access and ivy encroaching on main stems, preventing full inspection.	No works presently required.	40+	B2	3.6	N/A
G068	A Group	9	400	6.0	6	6	6	2 all	2	EM	Good	Group of 2no Sycamore and 1no Ash located behind hedgeline. Dense ivy encroaching stem s prevents inspection.	No works presently required	40+	B2	4.8	N/A
G068a	Sycamore	9	400	6.0	6	6	6	N/A	2	EM	Good	Part of G068	No works presently required	40+	B2	4.8	N/A
G068b	Sycamore	9	400	6.0	6	6	6	N/A	2	EM	Good	Part of G068	No works presently required	40+	B2	4.8	N/A
G068c	Sycamore	9	400	6.0	6	6	6	N/A	2	EM	Good	Part of G068	No works presently required	40+	B2	4.8	N/A
G069	A Group	5	120	1.5	1.5	1.5	1.5	N/A	0	SM	Good	Group of 5no Rowan and Swedish Whitebeam at regular spacings. Maintained clear of footpath.	No works presently required	20+	C2	1.4	N/A
G070	Mixed Group	11	300	4.0	4	4	4	3w	3	SM	Good	Mixed group of 1no. Ash 1no. Norway Maple and 2 no. Field Maple. Measurements taken from largest tree furthest south in group, Ash. Located on west edge of drainage ditch. Heights range from 8-11m. Historically lifted and reduced away from footpath.	No works presently required.	20+	C2	3.6	N/A
G071	A Group	7	150	3.5	3.5	3.5	3.5	N/A	0	SM-EM	Fair to good	Linear group of Ash, Whitebeam, Field Maple. Multi stemmed specimens. Intermittently spaced.	No works presently required	20+	C2	1.8	N/A
G072	Mixed Group	11	300;200	5.0	5	5	5	2all	3	EM	Good	Group of 1 no. Ash and 1 no. Field Maple. Measurements taken from Ash. Historically lifted away from footpath. Ash has co-dominant stem from 0.2m above ground level. Union can be probed vertically downwards to 150mm. Stem to west has exposed sapwood wounds at 1.8m to west. Signs of partial occlusion. <5% minor deadwood in crowns.	No works presently required.	20+	B2	4.3	N/A
T073	Whitebeam	6	180	3.0	3	3	3	2 all	1.5	SM	Good	Leaning stem, fair form.	No works presently required	20+	C1	2.2	N/A

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G074	Sycamore	8	120;120;100	2.0	2	2	2	N/A	0	SM	Good	Group of approx. 5 no. self-sown Sycamore. Located on west edge of ditch line. Understory of Blackthorn.	No works presently required.	20+	C2	2.5	N/A
G075	Mixed Group	13	340	4.0	4	4	4	3all	2	SM - EM	Good	Mixed group consisting of Ash, Sycamore, Lime and Sorbus. Located 1m from existing footpath. Measurements taken from largest Ash furthest south. Heights range from 8 - 13m. <5% major and minor deadwood in larger trees.	No works presently required.	20+	B2	4.1	N/A
T076	Whitebeam	7	180	2.0	2	2	2	3all	1.5	SM	Good	Significant basal wound with exposed desiccated sapwood. Potential reduced life expectancy.	No works presently required.	10+	C1	2.2	N/A
G077	Mixed Group	9	300;200;150	5.0	5	5	5	0.5w	3	SM - EM	Good	Mixed group of Lime, Field Maple, Sycamore, Sorbus and Ash. Measurements taken from largest tree, Lime furthest south. Multi-stemmed Lime with several included bark unions from 0.3 to 1.8m. Trees historically lifted away from footpath.	No works presently required.	20+	B2	4.7	N/A
G078	A Group	20	400	6.0	6	6	6	N/A	0	EM	Fair to good	Large plantation screening tree block. Dominant planted trees include Norway Maple, Field Maple, Sycamore, Sweet Chestnut. Dominant Trees are intermittently spaced but generally no more than 15m apart and commonly 1-5m apart. Understory of Swedish Maple, Hazel, Hawthorn. Most Norway Maple with shotholes in outer crowns which have been historically cut back from power lines to northwest. Most trees with upright form. Occasional Oak. Dominant trees at northern end if group are more densely located. The locations of those trees over 300mm dia located between blue line and road plotted separately. Small number of dead stems.	Remove dead stems in falling distance of public access	40+	C2	4.8	N/A
H079	A Hedgerow	3.5	75;75;75	1.5	1.5	1.5	1.5	N/A	0	SM	Good	Secondary hedge of Hazel and Hawthorn located beneath power lines. Recently unmanaged but historically managed at 1.5m height. Hedge is double thickness in places where separate trees have grown up and shape is undulating. Also individual possibly older Field Maple and Hawthorn present at edge of hedge managed as for hedge.	No works presently required	40+	C2	1.6	N/A
G080	A Group	15	350	4.0	4	4	4	N/A	0	EM	Good	Fair to good. Belt of trees located between power line and carriageway. Dominant trees are Norway Maple with a Hazel and Hawthorn understory south west side of group. Field Maple dominate to north east. Occasional Scots Pine. Dominant trees become more sparse as group tapers down to north east. Unable to reach trees to north east.	No works presently required	20+	B2	4.2	N/A
T081	Common Ash	15	590	8.0	10	8	5	4-N	2	M	Fair	Growing within arable field. Ploughed around tree. Historic desiccated wound at base to north east. Main stem trifurcates at approximately 3m. Unions appear sound. Elongated wound on north stem. Inonotus hispidus wood decay fungal bracket attached to upper section of wound. Evidence of storm damage in crown. Frayed wounds. Over extended branches to east.	Crown reduction by approximately 3m in lateral spread.	20+	B2	7.1	N/A
T082	Horse Chestnut	7	350	4.0	4	4	4	N/A	0.5	SM	Good	Tree not accessible, growing with arable crop. Measurement estimated. Balanced crown.	No works presently required	10+	C2	4.2	N/A
G083	A Group	12	300	4.0	4	4	4	N/A	0	SM to EM	Good	Oak, Cherry, Silver birch, field maple, hawthorn, blackthorn, crack willow, sycamore, dog rose. Linear highway plot. No active management recorded other than flailed lower crowns towards arable field. Drawn stems. Mutually suppressed crowns. Dense clumps of blackthorn, bramble and rose. Ivy encroachment on stems.	No works presently required	20+	B2	3.6	N/A
T084	Sycamore	15	500	8.0	8	8	8	4 all	3	M	Good	Located in hedgeline. Dense ivy prevents inspection of stem and unable to see union. Crown breaks at 4m. Good form. Natural bracing in crown. <5% minor deadwood in crown.	No works presently required	40+	B2	6.0	N/A
G085	A Group	9	350	5.0	5	5	5	N/A	0	EM	Good	Linear group of boundary trees. Common Lime predominates, but Elm also present at canopy and understory. 20% of Elm are dead and dying. Central well established Lime with 5% dieback. There are gaps present at gateway and areas of mass elm dieback. Most trees with dense ivy preventing inspection. Approx. 12no Lime trees in length of group.	Fell dead stems in falling distance of public access.	20+	B2	4.2	N/A

Tree ID	Species	Height (m)	Stem Diameter (mm)	Branch spread N (m)	Branch spread E (m)	Branch spread S (m)	Branch spread W (m)	First significant branch height (m)	Canopy height (m)	Life Stage	Vitality	General observations	Preliminary management recommendations	Estimated Remaining Contribution (Years)	Category Grading	RPA Radius (m)	Impact: Remove / Part Remove / Retain (REM, PRG, RET)
T086	Common Ash	17	800	8.0	8	8	8	3w	1.5	M	Good	Several cavities with exposed desiccated sapwood on stem. Hammer resonates minor hollowing of stem from ground level to 2m on west and east side. Several cavities and historic storm damaged wounds within crown from 2m to 8m. Historically failed central leaders at 8m. Wide spreading open unbalanced crown.	No works presently required.	20+	B1	9.6	N/A
H087	Mixed Hedgerow	3	80	1.0	1	1	1	N/A	0	SM	Good	Continuous linear hedgerow consisting of Hawthorn and Sycamore. Formative and regularly maintained at 2m. Some sections with ivy encroaching into hedge.	No works presently required.	20+	B2	1.0	N/A
G088	Mixed Group	12	400;400	5.0	5	5	5	2all	2	EM	Good	Mixed group of 3 no. Sycamore, 1 no. Oak and 1 no. Willow. No access to base of stem, prevents full inspection of trees. All measurements estimated from largest tree in group. Minor suppression of Oak due to neighbouring Sycamore. Predominantly good form among trees.	No works presently required.	40+	B2	6.8	N/A
G088a	Sycamore	12	200;200	5.0	5	5	5	N/A	2	EM	Good	Part of group G088	No works presently required.	40+	B2	3.4	N/A
G088b	Sycamore	12	400;400	5.0	5	5	5	N/A	2	EM	Good	Part of group G088	No works presently required.	40+	B2	6.8	N/A
G088c	Common Oak	12	250	5.0	5	5	5	N/A	2	EM	Good	Part of group G088	No works presently required.	40+	B2	3.0	N/A
G089	A Group	10	220;220	5.0	5	5	5	N/A	0.5	EM	Good	Group of widely spaced Sycamore and Ash on Highways verge. No access to inspect, all measurements are estimated. Trees appear to be in fair condition. Some bird damage noted.	No works presently required	40+	B2	3.7	N/A
G090	Mixed Group	9	300	3.0	3	3	3	N/A	0	EM	Good	Mixed group consisting of Field and Norway Maple, Lime, Ash, Hawthorn and Prunus. Understory of Bramble and Blackthorn. Measurements taken from Norway Maple east in group. Dense understory prevents full inspection of base of trees.	No works presently required.	20+	C2	3.6	N/A
H091	Hawthorn	3	200	2.0	2	2	2	N/A	0	EM	Good	Sporadic lapsed hawthorn hedgerow. Gaps. Bases not accessible. No recent management observed.	No works presently required.	10+	C2	2.4	N/A
T092	Common Ash	12	300	5.0	5	5	5	N/A	0	EM	Good	Tree located in understory of Bramble and Blackthorn. No access, prevents full inspection. All measurements estimated. Good form.	No works presently required.	40+	B1	3.6	N/A
G093	A Group	11	350	4.5	4.5	4.5	4.5	0sw	0	EM	Good	Row planting of 3no even-aged Common Lime. No recent management. Fair to good form. Intermittently spaced.	No works presently required	40+	B2	4.2	N/A
G094	Mixed Group	16	400	4.0	4	4	4	N/A	0	SM - EM	Good	Mixed group consisting of Lime, Alder, Scots Pine, Ash, Aspen and Field Maple. Highways planting. Multiple Lime with co-dominant stems with included bark unions. <5% major deadwood throughout crowns. Understory of Elder.	No works presently required.	40+	B2	4.8	N/A
G095	A Group	15	270	5.5	5.5	5.5	5.5	N/A	0	SM-EM	Good	Group of even aged, planted highways trees. Group comprised of 7no Common Oak and 4no Scots Pine with understorey of Walnut, Ash and Sycamore. Smaller trees present adjacent carriageway. .	No works presently required	40+	B2	3.2	N/A
G096	Mixed Group	12	300;250;200	5.0	5	5	5	N/A	1.5	Y - EM	Good	Mixed group consisting of Goat Willow, White Willow and Ash. No access to base of stems, prevents full inspection of trees. Measurements taken from largest Goat Willow furthest north east in group. Heights range from 8 - 12m within group. Understory of Field Maple and Oak. Several young Goat Willow with tip dieback of lower crowns.	No works presently required.	20+	C2	5.3	N/A
G097	A Group	5	150	2.5	2.5	2.5	2.5	N/A	0	SM-EM	Good	Linear group in highways verge directly adjacent to boundary fence. Species include Cherry and Plum at wide intermittent spacings.	No works presently required	40+	C2	1.8	N/A
G098	Elm	8	200	3.0	3	3	3	N/A	0	SM	Fair to poor	Part of lapsed hedgerow. Crowns previously lifted. Dense ivy encroachment on east tree. Dieback and dead wood in majority of crowns. Evidence of Dutch elm disease infection. Some stems cut to 500mm. Some regeneration present.	Fell any dead or dying stems.	<10	U	2.4	N/A
G099	A Group	4	150	2.0	2	2	2	N/A	0	SM	Fair	Blackthorn, hawthorn. Dense clumps of blackthorn on roadside verge. Lapsed hedgerow to north west. Pockets of dense bramble and elm successional growth.	No works presently required	10+	C2	1.8	N/A
G100	Mixed Group	8	200	4.0	4	4	4	N/A	1	SM	Fair	Group of even aged Cherry with understory of Blackthorn which becomes more established and overgrown to west of group. Sparse inner crowns developing. Limited access to base of stems, prevents full inspection. Heights within group range from 6 - 8m.	No works presently required.	20+	C2	2.4	N/A

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G101	A Group	14	170;170	2.0	2	2	2	N/A	0	SM-EM	Fair to good	Large group of even aged highways plantings. Species include Cherry, Field Maple, Scots Pine, Silver Birch and Elm. Trees intermittently spaced but generally between 2-5m apart. <5% dead and declining stems. Area accessed by public, soil compaction and rubbish. Several fallen stems.	Fell dead stems in falling distance if carriageway/ public access.	40+	C2	2.9	N/A
G102	A Group	15	500	8.0	8	8	8	N/A	0	SM to M	Fair to good	Ash, hawthorn, elder, blackthorn. Linear group of trees and shrubs. Ash standards sporadic in group. Large broad crowns. Bases inaccessible due to dense undergrowth or steepness of slope. Sporadic hawthorn growing to south.	No works presently required	20+	B2	6.0	N/A
G103	A Group	20	400	7.0	7	7	7	N/A	0	EM	Good	Large group of Elm on steep bank. Trees are generally between 3-6m apart. Understory of Elder, Hawthorn and Elm. 3no large trees are dead and several smaller specimen are in decline. This group would ordinarily be categorised as B but owing to DED and poor prognosis for elm, remaining life likely to be fewer than 20 years.	Fell dead trees in falling distance if public access.	10+	C2	4.8	N/A
G104	Mixed Group	16	300;300;300	6.0	8	6	4	2e	0	EM	Good	Mixed group of multi-stem Ash, Oak and Sycamore. Located east of train line. Metal fence limits access, prevents full inspection of trees. Historically crown reduced away from train line. 1 no. Ash in centre has minor tip dieback of laterals. Heights range from 12 - 16m. Good screening.	No works presently required.	20+	B2	6.2	N/A
G105	Goat Willow, Osier, Dog rose	4	50;50;50;50;50	3.5	3.5	3.5	3.5	N/A	0	SM	Good	Intermittent self-sown trees. Multi stem forms. Growing within historically wet area.	No works presently required	10+	C2	1.3	N/A
T106	Common Oak	8	200	3.0	3	3	3	2s	1	SM	Good	Good form. Well balanced crown.	No works presently required.	40+	B1	2.4	N/A
G107	A Group	8	300	3.0	3	3	3	N/A	0	SM to EM	Good	Field maple, hazel, oak, hawthorn. Linear group and sporadic individual trees or clumps of trees. Planted and self-sown. Single and multi stems. Internal group, offset from road edge.	No works presently required	20+	B2	3.6	N/A
H108	Mixed Hedgerow	3	80	1.0	1	1	1	N/A	0	SM	Good	Predominantly continuous linear hedge of Hawthorn and Blackthorn. Recent planting with no historical pruning.	No works presently required.	20+	B2	1.0	N/A
G109	Common Oak	8	220	4.0	3	3	3	1all	0.5	SM	Good	Group of 3 no. even aged Oak. Located 1.5m north of Hawthorn hedge. 2m spacings between trees. Good form.	No works presently required.	40+	B2	2.6	N/A
G110	Field Maple	7	150;150;120	3.0	3	3	3	N/A	0	SM	Fair	Group of 3 no. even aged Field Maple. Dominant tree west in group suppressing other 2 trees. Located 1.5m from Hawthorn hedge. 2m spacings between trees. Largest tree has tight included bark unions at 0.3m above ground level.	No works presently required.	20+	C2	2.9	N/A
G111	Hawthorn	5	250	3.5	3.5	3.5	3.5	N/A	0	EM to M	Good	Sporadic clumps of trees growing adjacent to railway land. Bases not accessible due to dense undergrowth. Offering some screening function. Potential lapsed hedgerow.	No works presently required	10+	C2	3.0	N/A
G112	A Group	14	300;260	6.0	6	6	6	N/A	0.5	SM to EM	Fair to good	Field maple, hawthorn. Linear group. Trees crown lifted. Nest boxes present on some trees. Limited understory vegetation. Dominated by nettles. Drainage channel runs along south extents of group. Occasional hazel.	No works presently required	20+	B2	4.8	N/A
T113	White Poplar	18	600	8.0	8	8	8	6-W	6	M	Good	High crown break. Approx. 6m. Tree growing on slight lean. Occasional small to moderate diameter dead wood in middle crown.	No works presently required	20+	B2	7.2	N/A
G114	Mixed Group	14	350	6.0	6	6	6	N/A	0.5	EM	Good	Mixed group of Oak, Field Maple, Birch, Lime, Ash, Hazel and Hawthorn. Understory of Blackthorn and Hawthorn to east of group. Limited access within areas due to understory and vegetation, prevents full inspection of base of trees. Several trees have been lifted away from footpath to north. Heights range from 3 - 14m. Several hanging branches within crowns. 1 no. mature Ash failed in centre of group with multiple mature brackets of Ganoderma australe at base and stem.	No works presently required.	40+	B2	4.2	N/A
G115	A Group	14	400	4.0	4	4	4	N/A	0	Y to EM	Fair	Silver birch, field maple, goat willow, elder, hawthorn, hazel. Planted and self-sown trees and shrubs. Growing adjacent to railway. Informal track separates group from highway verge plot. Single and multi stems.	No works presently required	20+	B2	4.8	N/A
G116	Ash, goat willow, oak, birch, hazel, hawthorn, field maple, lime	15	300	5.0	5	5	5	N/A	0	Y to SM	Fair to good	Steep sloped embankment. More mature trees at toe of embankment. Including multi stem hazel. Mutual crown suppression throughout group.	No works presently required	20+	B2	3.6	N/A
G117	A Group	14	280;280;260;218	8.0	8	8	8	N/A	0	M	Good	Group of 5no self-set even aged Common Ash trees located on Railway embankment 1-1.5m from metal boundary fence. No access to inspect. Multi stemmed specimens with mutually competing crowns. Evidence of historical storm damage and management. Tree furthest to southwest is located just within site and has dead stem.	Fell dead stem.	40+	B2	6.3	N/A

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G118	Mixed Group	14	300	6.0	6	6	6	N/A	0	SM - EM	Good	Mixed group of Ash, Oak, Birch, Cherry and Field Maple. Limited access due to uneven surface. Limits inspections of base of trees. Understory of Hazel, Blackthorn and Hawthorn. Highways planting.	No works presently required.	40+	B2	3.6	N/A
G119	A Group	16	320	4.5	4.5	4.5	4.5	N/A	0	EM	Good	Large group located outside highways boundary fence. Group comprised of Common Ash dominant canopy trees with Hazel coppice, Cherry, Common Oak and Field Maple. Clump of Yew at southern end of group.	No works presently required	40+	B2	3.8	N/A
H120	A Hedgerow	5	200	3.0	3	3	3	N/A	0	EM	Fair	Hawthorn, elder. Gaps in places. No recent management observed. Thinning crowns in places.	No works presently required	10+	C2	2.4	N/A
G121	A Group	13	270	5.0	5	5	5	N/A	0	SM-EM	Fair to good	Large linear planted highways tree group on bank to carriageway. Species and include Field Maple, Cherry, Birch, Hawthorn, Alder, Goat Willow, Common Oak, Most are multistemmed. Group generally 5no trees wide. Smaller trees present carriageway side. Most trees are in fair to good condition. Unable to access entire group. Scrubby trees including Goat Willow extend to carriageway.	No works presently required	40+	B2	3.2	N/A
G122	Mixed Group	20	700	6.0	6	6	6	N/A	0	SM - M	Good	Mixed group of Lombardy Poplar, White Willow, Oak, Sycamore, Grey Poplar, Prunus and Alder. Measurements taken from largest Grey Poplar in group. Dense understory of Bramble, Hazel and Hawthorn limits access, prevents full inspection of base of trees. 5% major deadwood throughout crowns. Several failed laterals within field to south. Several failed stems within centre of group.	No works presently required.	40+	B2	8.4	N/A
G123	Mixed Group	7	150;120	5.0	5	5	5	N/A	0	SM - EM	Fair	Mixed group of Blackthorn and Hawthorn. >5% major deadwood, located in lower parts of the crown. 1no. tree with failed stem at 2m, north in group.	No works presently required.	20+	C2	2.3	N/A
G124	A Group	18	300	3.0	3	3	3	N/A	0	SM-EM	Fair to good	Large linear group of highways plantings. Species include Field Maple, Scots Pine, Common Oak, Ash, Cherry, silver Birch. Understory of Hazel and Field Maple. Trees are intermittently spaced, but generally dense at 1.5-3m spacings. Therefore most stems are displaying slender forced growth. Group tapers down in width to northeast at rear of third party dwellings. Most trees are in fair to good condition. Trees carriageway side in northern half if group are located on top of mounded bank parallel to carriageway. There are some good quality Oaks at northern end of group.	No works presently required.	40+	B2	3.6	N/A
G125	Mixed Group	11	360	4.0	4	4	4	N/A	0	SM - EM	Good	Mixed group of Alder, Sycamore, Lime and Field Maple. Measurements taken from Alder south in group. Understory of Hawthorn, Blackthorn and bramble, limits access, prevents full inspection.	No works presently required.	20+	B2	4.3	N/A
G126	Mixed Group	14	400	6.0	6	6	6	N/A	0	SM - EM	Good	Mixed group of Ash, Lime, Alder, Sycamore, Oak, Pine, Hawthorn and Blackthorn. Dense understory and vegetation prevents full inspection of base of trees. Heights range from 4 - 14m. Sections to west predominantly larger EM trees. Good collective screening.	No works presently required.	40+	B2	4.8	N/A
T127	Ash	4	150	2.5	2.5	2.5	2.5	N/A	1	Y	Good	Growing adjacent to existing footway. Crown lifted over footway	No works presently required	10+	C2	1.8	N/A
T128	Sycamore	16	150;150;150;150;150	4.0	4	4	2	N/A	0	EM	Good	Multi stem from ground level suggesting past felling and regeneration. Growing immediately adjacent to bridge abutment.	No works presently required	10+	C2	4.0	N/A
G129	Ash, sycamore, hawthorn	18	500	6.0	6	6	6	N/A	0	SM to M	Fair to Good	Linear group. Single and multi stems. Larger trees recorded separately.	No works presently required	20+	B2	6.0	N/A
G129A	Ash	18	400;380	8.0	8	8	8	0.5-SE	1	M	Good	Basal stems established. Co-dominant stems from approximately 500mm. Compression fork with included bark union. Cavity at base to north west.	Reduce tree in height and lateral spread by approximately 5m.	10+	C2	6.6	N/A
G129B	Sycamore	5	500	3.0	2	2	2.5	2-W	2	EM	Fair	Tree topped at approximately 3m. Large diameter unoccluded wounds present. Decay cavity present. Desiccated white rot present at old pruning wounds. Regrowth present in north crown extents.	No works presently required	10+	C1	6.0	N/A
G129C	Crack Willow	2.5	1250	0.0	0	0	0	N/A	0	OM	Dead	Tree pollarded at approximately 2m. No regrowth present. Standing dead. Saprophytic Habitat value	No works presently required	<10	C3	15.0	N/A
T130	Sycamore	10	400	3.0	3	3	3	N/A	0	SM	Dead	Standing dead tree. Extensively coveted in ivy. No visible live crown. Tree within falling distance of road.	Monolith at approximately 3m.	<10	U	4.8	N/A

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G131	Ash, Sycamore, elm, elder, goat willow, crack willow	18	500	8.0	8	8	8	N/A	0	SM to M	Good	Linear group of trees and shrubs. Bases not accessible in places due to dense vegetation. Single and multi stems. Occasional small to moderate diameter dead wood in middle crowns. Likely to be from a competition for sunlight between closely spaced trees. Dry ditch to north. Some dieback on central willows an collapsed stems.	Construction exclusion zone between trees and scheme to avoid crown reductions on willows	20+	B2	6.0	N/A
G132	Elder	4	200	3.0	3	3	3	N/A	0	SM	Poor	Sporadic elder. Dieback and dead wood present. Bases not accessible.	Coppice dead or dying trees.	<10	U	2.4	N/A
W133	A Woodland	20	1200	8.0	8	8	8	N/A	0	Y to M	Good	Broad leaf dominated woodland. Abundant oak young to semi-mature. Occasional crack willow, poplar, alder, field maple, Frequent Hazel coppice present. Occasional hawthorn. Drawn stems throughout. No active management recorded	No works presently required	40+	A2	14.4	N/A
T134	Ash	18	1250	9.0	9	9	9	2-W	3	M	Fair to Good	Locally notable given stem size. Co-dominant stems from approximately 2m. Union appears sound. Veteran habitat features include large diameter frayed wounds at old storm damaged branches. Large diameter dead wood present around base; decay cavities at old branch wounds; wood decay fungal brackets in middle crown, Inonotus hispidus. No apparent hollowing of main stem	Exclusion zone to be created around tree.	40+	A3	15.0	N/A
T135	Ash	24	900	8.0	8	7	8	3-SW	2	M	Good	Co-dominant stems from approximately 3m. Union appears sound. Occasional moderate diameter dead wood in lower crown. Occasional decay cavity at old branch wound. Slight lean on main stem. Storm damage recorded with fallen dead wood at base.	Exclusion zone to be created around tree.	40+	A2	10.8	N/A
T136	Ash	18	1300	6.0	8	8	5	6-S	5	Vet	Fair to Good	Large stem size in relation to trees in locality. Developing heartwood decay visible at large diameter wound on west stem at approximately 6m. Inonotus hispidus fungal bracket beneath wound. Large diameter frayed wounds from historic storm damage. Crown retrenched. Occasional small to moderate diameter dead wood in middle crown. Fallen dead wood at base.	Exclusion zone to be created around tree.	40+	A3	15.6	N/A
T137	Ash	20	900	6.0	6	7	6	2-W	3	M	Fair	Extensively covered in ivy. Obscuring main stem and crown. Basal cavity to east. Indicating hollowing main stem. Potentially crown reduced in past, or natural crown retrenchment. Multi stem from approximately 4m. Hanging dead branches. Deadwood in middle and upper crown.	Sever and remove ivy to inform any management	20+	B3	10.8	N/A
G138	Field maple, cherry, ash, lime, Hawthorn, ash	14	350	5.0	5	5	5	N/A	0	SM to EM	Good	Planted and self-sown trees and shrubs. Highway plots. Prolific self-sown cherry clumps. Mutual crown suppression. Screen function. No active management within plots.	No works presently required	20+	B2	4.2	N/A
T139	Common Oak	17	1500	10.0	11	11	10	3-S	4	Vet	Fair to Good	Large stem size in relation to trees in locality. Hollow main stem. Heartwood decay. Extensive storm damage, creating natural pollard point at approximately 6m. Large frayed wound at failure point. Adjacent branches assuming dominance. Desiccated white rot on large diameter dead wood in middle crown. Hung up dead branch to west in middle crown.	Exclusion zone to be created around tree.	40+	A3	18.0	N/A
G140	Field maple, cherry, ash, oak, hawthorn, blackthorn	10	250	3.5	3.5	3.5	3.5	N/A	0	Y to SM	Good	Planted and self-trees. Linear plot on highway verge. Sloped bank. Average spacing 2m. No active management recorded. Mutual crown suppression.	No works presently required	20+	B2	3.0	N/A
G141	Crack willow, goat willow, birch, sycamore, hawthorn	12	350	5.0	5	5	5	N/A	0	SM to EM	Good	Linear group running between lake and toe of highway embankment. Dense vegetation. Bases in accessible. Screen function.	No works presently required	20+	B2	4.2	N/A
G142	A Group	10	250	3.0	3	3	3	N/A	0	Y to SM	Fair to Good	Oak, ash, cherry, hazel, hawthorn, blackthorn, white poplar, crack willow, silver birch, field maple. Planted highway embankment. Extends to toe of embankment. No active management recorded.	No works presently required	20+	B2	3.0	N/A
G143	A Group	20	600	6.0	6	6	6	N/A	0	SM to M	Fair to Good	White poplar, oak, crack willow, ash, hawthorn, hazel. Broadly triangular plot. Drawn stems on willow. Mutual crown suppression. Hazel coppice present. Multi stems indicative of past felling and regeneration. No recent management recorded.	No works presently required	20+	B2	7.2	N/A
T144	Ash	17	640	9.0	9	9	9	3-E	4	M	Good	Prominent tree in group. Broad crown. Occasional small to moderate diameter dead wood in lower crown.	No works presently required	20+	A2	7.7	N/A

Tree ID	Species	Height (m)	Stem Diameter (mm)	Branch spread N (m)	Branch spread E (m)	Branch spread S (m)	Branch spread W (m)	First significant branch height (m)	Canopy height (m)	Life Stage	Vitality	General observations	Preliminary management recommendations	Estimated Remaining Contribution (Years)	Category Grading	RPA Radius (m)	Impact: Remove / Part Remove / Retain (REM, PRG, RET)
T145	Ash	17	640	9.0	9	6	9	3-S	1.5	M	Fair	Growing on bank of dry drainage ditch. Co-dominant stems from approximately 500mm. Fused to 2m. Broad crown. Bark scuffs around base from grazing activity. Occasional small diameter dead wood in lower crown.	No works presently required	20+	B2	7.7	N/A
G146	A Group	15	300	4.0	4	4	4	N/A	0	Y to EM	Fair to Good	Field maple, ash, oak, hazel, cherry, blackthorn, dogwood. Planted and self-sown trees and shrubs. Growing on steep highway embankment. Dense blackthorn at base of embankment. Screen function.	No works presently required	20+	B2	3.6	N/A
G147	Hawthorn	6	350	4.0	4	4	4	N/A	0	M	Good	Sporadic hawthorn within field adjacent to highway boundary. Lower crowns grazed in places.	No works presently required	20+	B2	4.2	N/A
G148	A Group	8	250	3.0	3	3	3	N/A	0	SM to EM	Good	Field maple, hazel. Corner planted plot. Multi stem hazels suggesting past coppice. No recent management recorded. Drawn stems on field maples. Occasional standing dead stem	No works presently required	20+	B2	3.0	N/A
G149	A Group	8	250	3.0	3	3	3	N/A	1	Y to SM	Good	Oak, ash, field maple, hawthorn, cherry. Planted highway plot on embankment. Average spacing 1.5m. No active management recorded.	No works presently required	20+	B2	3.0	N/A
G150	A Group	8	200	3.0	3	3	3	N/A	1	SM	Good	Field maple, ash, birch. Planted and self-sown trees growing on railway embankment. Wet drainage ditch between trees and works area.	No works presently required	10+	C2	2.4	N/A
G151	A Group	8	200;200	4.0	4	4	4	N/A	0	SM	Fair	Cherry, blackthorn, goat willow. Dense planted and self-sown group. Wet concrete lined drainage ditch between group and highway embankment. Metal palisade fence on south boundary.	No works presently required	10+	C2	3.4	N/A
G152	A Group	4	200	3.0	3	3	3	N/A	0	SM	Fair	Elder, hawthorn, dog rose. Sporadic clumps of shrubs. Dense ground vegetation around bases.	No works presently required	10+	C2	2.4	N/A
G153	A Group	15	300	4.0	4	4	4	N/A	1	SM to EM	Good	Field maple, cherry, hazel, hawthorn, lime, goat willow. Corner plot. Highway planting and self-sown trees and shrubs. Screen function. Mutual crown suppression, no active management recorded.	No works presently required	20+	B2	3.6	N/A
G154	A Group	15	350	4.0	4	4	4	N/A	0	SM to EM	Good	Cherry, sycamore, goat willow, elder, hawthorn. Planted and self-sown trees and shrubs. Mutual crown suppression. Collapsed branches in places where points of abrasion from rubbing on palisade fence. Partial screen function.	No works presently required	20+	B2	4.2	N/A
G155	A Group	14	380	6.0	6	6	6	N/A	0	SM	Fair to Good	Ash, hawthorn, elder. Internal plot. Mutual crown suppression. Leans and curved stems on ash. Standing dead stems in places. Dieback in some elder and hawthorn.	No works presently required	10+	C2	4.6	N/A
T156	Ash	16	450;500	7.0	3	9	9	3-N	3	M	Fair to Good	Co-dominant stems from approximately 300mm. Fused stems above union. Compression fork with included bark union. Crown suppressed to east. Evidence of storm damage recorded within crown. Elongated wounds, desiccated white rot present. Bat box on east stem.	Potential crown reduction required depending on proximity of works.	20+	B2	8.1	N/A
T157	Ash		700	9.0	8	8	4	2-SE	2	M	Fair	Dense ivy encroachment on main stem and into crown. Potential former pollard, multi stems from approximately 4m. Unions obscured by ivy. Building debris within root zone. Evidence of storm damage recorded within middle and upper crown. Frayed wounds and fallen dead wood at base. Broad crown. Suppressed to west.	Sever and remove ivy to inform future management	20+	B2	8.4	N/A
T158	Ash	17	1000	8.0	8	8	8	2-SW	2	M	Good	Co-dominant stems from approximately 2m. Slight included bark junction. Nest boxes in crown. Crown lifted to north. Unoccluded wound present. Broad open crown. Occasional small to moderate diameter dead wood in middle crown.	No works presently required	20+	A2	12.0	N/A

Tree ID	Species	Height (m)	Stem Diameter (mm)	Branch spread N (m)	Branch spread E (m)	Branch spread S (m)	Branch spread W (m)	First significant branch height (m)	Canopy height (m)	Life Stage	Vitality	General observations	Preliminary management recommendations	Estimated Remaining Contribution (Years)	Category Grading	RPA Radius (m)	Impact: Remove / Part Remove / Retain (REM, PRG, RET)
T159	Ash	18	430;430;400;500;500	7.0	6	8	7	3-N	3	M	Good	Large multi stem tree suggesting past felling and regeneration. Multi stems from approximately 1m. Build-up of decayed leaf matter at centre of union. Mutual suppressed stems. Evidence of past storm damage, decay cavities and frayed wounds. Inonotus hispidus in middle crown to east. Nest boxes attached.	Potential tree risk management operations depending on proximity to works	20+	A2	12.2	N/A
T160	Ash	17	800	8.0	6	7	6	4-N	3	M	Fair to Good	Co-dominant stems from approximately 3m. Elongated seam of reaction wood visible on west side of stem descending down from union. Indicative of internal defect. Potential weakness point. Occluded wounds on main stem and in crown. And unoccluded, decay cavities present. Occasional moderate diameter dead wood in middle crown.	Potential tree risk management operations	20+	A2	9.6	N/A
T161	Ash	17	550;550	3.0	8	10	8	3-S	3	M	Fair to Good	Co-dominant stems from approximately 1m. Union appears sound. Slight inclusion. Decay cavities visible at old branch wounds. North stem failed at approximately 5m. Large diameter frayed wound. Nest boxed attached. Abrupt angle on some branches. Occasional small diameter dead wood in middle crown.	Potential tree risk management operations	20+	B2	9.3	N/A
G162	A Group	5	250	3.0	3	3	3	N/A	0	EM	Fair	Elder, hawthorn. Intermittent shrubs between large mature ash. Potential former hedgerow. Collapsed stems in places. Dieback and dead wood present.	No works presently required	10+	C2	3.0	N/A
G163	Wild Cherry	8	250	4.0	4	4	4	1w	1.5	Y-EM	Fair	Group of 5no. Wild Cherry. Located at base of banked sloped. Level change is approx. 3m. 1no. dead cherry east in group. 3no. EM trees with good form and vitality. Historically crown lifted away from road and footpath.	No works presently required.	20+	C2	3.0	N/A
G164	Hawthorn	6	150	3.0	3	3	3	N/A	0	SM-EM	Good	Group of Hawthorn. Good form. Heights range from 2-6m.	No works presently required.	20+	C2	1.8	N/A
G165	Mixed Group	14	300	5.5	5.5	5.5	5.5	N/A	0	EM	Fair to Good	Large Highways planting of Field Maple, Oak with Hawthorn, Blackthorn and Hazel understorey. Trees extend down bank up to boundary fence to horses field to north. Secondary unmanaged non-continuous hedge of Hawthorn carriageway side on top side of bank. Trees are relatively densely spaced. Gaps in groups at gateways. <5% dead stems in group.	Remove dead stems in falling distance of carriageway	40+	B2	3.6	N/A
G166	Mixed Group	7	150	3.0	3	3	3	N/A	0	Y-EM	Fair	Mixed group consisting of Hawthorn, Blackthorn, Elder and Hazel. Heights range from 3-7m.	No works presently required.	20+	C2	1.8	N/A
G167	Mixed Group	5	170	2.5	2.5	2.5	2.5	N/A	0	SM	Good	U shaped group of planted Hawthorn, Cherry and Ash trees between bank and field boundary. Trees are intermittently and widely spaced.	No works presently required	40+	C2	2.0	N/A
G168	Mixed Group	7	320	4.0	4	4	4	N/A	0	EM	Fair	Mixed group consisting of Hawthorn, Elder, Crab Apple and Blackthorn. Ivy encroaching on main stem of largest Hawthorn. Good form.	No works presently required.	20+	B2	3.8	N/A
G169	Mixed Group	15	310	6.0	6	6	6	N/A	0	SM-EM	Fair to Good	Group of Oak, Sycamore, Alder with Hawthorn, Hazel and Cornus understory. Trees intermittently spaced and have room for further development.	No works presently required	40+	B2	3.7	N/A
G170	Mixed Group	4	120	3.0	3	3	3	N/A	0	EM	Fair	Mixed group consisting of Hawthorn, Blackthorn and Elder. Several dead trees within group. 1no. Hawthorn with major tip dieback.	No works presently required.	20+	C2	1.4	N/A
G171	Mixed Group	10	250;250;200	5.0	5	5	5	N/A	0	EM	Good	Mixed group consisting of Field Maple, Hazel and Hawthorn. Straddle drainage ditch. Established group. Measurements taken from Field Maple furthest east in group.	No works presently required.	40+	B2	5.3	N/A
G172	Mixed Group	11	280	5.0	4	4	4	N/A	0	EM	Fair	Mixed group consisting of Ash and Willow. Understory of Hawthorn and Hazel. Several Ash displaying symptoms of Ash dieback. Heights range from 3-11m. Access gate located within centre of group.	No works presently required.	10+	C2	3.4	N/A
T173	Common Ash	11	600	7.0	7	7	7	4all	2	M	Poor	Dense vegetation at base prevents full inspection. Displaying symptoms of progressed Ash dieback. Live crown foliage <5%. Reduced life expectancy.	Remove tree if public access is within 1.5x height of tree.	<10	U	7.2	N/A
T174	White Willow	18	550;500	8.0	8	8	8	4n	3	M	Good	Included union at 0.5m. Currently appears stable but likely to reduce life expectancy.	No works presently required	10+	C2	8.9	N/A
G175	Mixed Group	5	160	2.5	2.5	2.5	2.5	N/A	0	SM-EM	Good	Widely spaced intermittent group of Common Ash, Field Maple and Hawthorn located between carriageway and boundary fence with field.	No works presently required	20+	C2	1.9	N/A
G176	Mixed Group	12	330	6.0	6	6	6	N/A	0	EM	Fair to Good	Group of Common Oak with Hawthorn and Cornus understory. And 1no Alder.	No works presently required	40+	B2	4.0	N/A

Tree ID	Species	Height (m)	Stem Diameter (mm)	Branch spread N (m)	Branch spread E (m)	Branch spread S (m)	Branch spread W (m)	First significant branch height (m)	Canopy height (m)	Life Stage	Vitality	General observations	Preliminary management recommendations	Estimated Remaining Contribution (Years)	Category Grading	RPA Radius (m)	Impact: Remove / Part Remove / Retain (REM, PRG, RET)
T177	Common Ash	10	400	6.0	5.5	5.5	5.5	0.5 n	0	M	Fair	Tree with several veteran characteristics including stem hollowing at base, exposed desiccated wood at old tear out wounds to 5m. Lower live growth is entirely well developed epicormic. Multiple Inonotus dryadeus fungal brackets attached to stem between 1.5-4m.	Currently low targets. Detailed inspection required if public access within 1.5x tree height.	10+	B1	4.8	N/A
H178	Blackthorn	5	100	2.5	2.5	2.5	2.5	N/A	0	EM	Good	Sprawling grown out hedge of Blackthorn at boundary.	No works presently required	20+	C2	1.2	N/A
G179	Common Ash	11	350;300	6.0	6	6	6	N/A	0	EM	Fair	3no. multi stem Ash in linear group. Natural bracing of co-dominant stems forming at 3m on largest Ash, furthest north. Signs of dieback of inner laterals and outer lateral tips. 1no. bracket of Inonotus hispidus at basal wound on west stem of largest Ash. Decay present. Wound extended from ground level to 0.4m. Largest pruning wound on west stem at 3m. No sign of occlusion. >5% major deadwood in all crowns.	No works presently required.	10+	C2	5.5	N/A
G180	Mixed Group	15	550;450	6.0	6	6	6	N/A	1	M	Fair to Good	Linear group of even aged Crack Willow and Ash trees at field boundary. Stems are field side of fence at southern end of group and lane side to north. Multiple failures in crowns. 1no. has fallen to ground toward lane but root system intact and continuing to grow. Crowns overhang entire lane in places. Crowns have been historically cut back from lane. Several trees with decay at hollows and old wounds.	Remove dead and unstable branch work overhanging lane. Trees would tolerate pruning back from lane.	10+	C2	8.5	N/A
T181	Common Ash	13	700	8.0	8	8	8	3all	2	M	Good	Tight included bark union at 1-1.8m. Co-dominant stems form at 1m. Fence wire occluded within main stem. Good form and well balanced crown. Minor tip dieback of laterals. 5% major deadwood in crown.	No works presently required.	10+	B1	8.4	N/A
G182	Mixed Group	9	200	4.0	4	4	4	N/A	0	Y-EM	Good	Mixed group consisting of Ash, Hawthorn and Blackthorn. 1no. young Ash with major dieback of crown. Dense vegetation at base of stems prevents full inspection.	No works presently required.	20+	C2	2.4	N/A
G183	Mixed Group	7	120;120	3.0	3	3	3	N/A	0	Y-SM	Good	Mixed group consisting of Ash, Sycamore and Hawthorn. Self-sown trees with large gaps between individuals.	No works presently required.	20+	C2	2.0	N/A
G184	Mixed Group	11	240;200	6.0	6	6	6	N/A	0	SM-M	Good	Mixed group of Ash, Hawthorn and Crab Apple. Dense vegetation prevents full inspection of base and stem of trees. Understory of Bramble and Blackthorn. 1no. Ash with co-dominant stem forming at ground level. <5% major deadwood in crowns.	No works presently required.	20+	B2	3.8	N/A
G185	Common Ash	9	400	6.0	6	6	6	0.5	2	SM-EM	Fair	Group of 2no. Ash. Dense vegetation at base prevents full inspection. Established basal growth on largest Ash south west in group. Early symptoms of Ash dieback on lower lateral foliage. Typical hedgerow trees with squat form and crown.	No works presently required.	10+	B2	4.8	N/A
G186	Mixed Group	5	140	2.5	2.2	2.5	2.5	N/A	0	SM-EM	Good	Group of widely spaced clumps of Blackthorn shrubby trees and individual Ash plantings on HA bank.	No works presently required	20+	C2	1.7	N/A
G187	Mixed Group	26	900	9.0	9	9	9	N/A	0	M	Fair to Good	Group located between boundary fence and edge if carriageway. Crack Willow dominate and are approaching over maturity. Unable to reach most stems as area is overgrown with bramble and nettles. Many leaning stems. Occasional semi-mature Goat Willow and Oak. Individual trees are likely to require works within next twenty years due to species.	No works presently required	20+	B2	10.8	N/A
H188	Mixed Hedge	6	150	3.0	3	3	3	N/A	0	EM	Fair	Mixed hedge consisting of Hawthorn and Blackthorn. Unmanaged. Heights range from 4-6m. Dense vegetation at base prevents full inspection.	No works presently required.	20+	C2	1.8	N/A
T189	Common Oak	7	840	7.0	7	7	7	2.5 n	1	M	Fair to Good	Tree with several veteran characteristics. Extensive hollowing of stem and exposed desiccated wood at old wounds at 5.5-6m. Inonotus dryadeus attached to base. Old pollard/ main leader failure at 5.5m. Squat form.	No works presently required	20+	B1	10.1	N/A
T190	Field Maple	9	300;300;240	5.0	5	5	5	N/A	0	EM	Good	Multi stem. Located within hedgerow. Prevents full inspection. Typical hedgerow tree with squat form.	No works presently required.	20+	B1	5.9	N/A
G191	Mixed Group	5	150	2.5	2.5	2.5	2.5	N/A	0	SM	Good	Mixed group of Field Maple, Blackthorn, Hazel, Oak and Ash. Widely spaced planted trees on bank.	No works presently required.	20+	C2	1.8	N/A
G192	Hawthorn	5	150	2.0	2	2	2	N/A	0	EM	Fair	Group of 2no. Hawthorn. Dense vegetation at base prevents full inspection.	No works presently required.	20+	C2	1.8	N/A
G193	Crack Willow	18	450;450	8.0	8	8	8	0	0	OM	Fair to Good	Group of even aged. Crack Willow located on eastern side of stagnant water course. Unable to reach all stems. At least 1no. stem has partially failed and main stem laying on ground.	Coppice stems if public access required within 1.5 x tree height.	10+	C2	7.6	N/A

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G194	Mixed Group	12	200	3.0	3	3	3	N/A	0	Y-SM	Good	Group of Oak, Ash, Hazel, Hawthorn, Birch, Field Maple and Blackthorn. Highways planting located on bank. Sections of understory Bramble and vegetation limits inspection of basal areas of trees south in group. Heights range from 2-12m. 3 rows with approx. 1-2m spacings between trees. <5% major and minor deadwood in crowns. Early signs of Ash dieback on foliage of young Ash. Powered mildew on lower laterals of Oak trees further west in group.	No works presently required.	40+	B2	2.4	N/A
G195	Mixed Group	4	100	2.0	2	2	2	N/A	0	SM	Fair	Group of Blackthorn and Hazel. Dense canopies. Limited access to stem bases prevent full inspections.	No works presently required.	20+	C2	1.2	N/A
G196	Mixed Group	9	400	5.0	5	5	5	0	0	EM	Good	Widely spaced group of Wild Cherry, Ash and Hazel on steep bank. Majority of Cherry are of fair form.	No works presently required	20+	B2	4.8	N/A
G197	Common Ash	3	80	1.0	1	1	1	N/A	0.5	SM	Fair	Widely spaced group of Common Ash.	No works presently required	20+	C2	1.0	N/A
G198	Blackthorn	4	100	1.0	1	1	1	N/A	0	SM	Good	Group of Blackthorn scrub.	No works presently required.	20+	C2	1.2	N/A
G199	Mixed Group	8	180	2.0	2	2	2	N/A	0	Y-SM	Fair	Mixed group of Ash, Field Maple, Willow and Hawthorn. Dense bramble understory prevents full inspection of trees. 1no. dead Ash within group. Self-sown trees.	No works presently required.	20+	C2	2.2	N/A
G200	Silver Birch	12	290;210	4.5	4.5	4.5	4.5	3 all	1.5	EM	Good	Located adjacent gateway. Historic damage to exposed buttress roots. Crown lifted over gateway. Flush cuts, poor occlusion otherwise good form.	No works presently required	20+	B1	4.3	N/A
G201	Mixed Group	10	240	3.0	3	3	3	N/A	0	SM	Good	Mixed group of Oak, Apple and Field Maple. Dense understory of Hawthorn and Blackthorn prevents full inspection of trees. Intermittent Hawthorn and Blackthorn scrub set further down bank and into field. Several small dead trees within group. Highways planting. Located on bank. Heights range from 2-10m.	No works presently required.	40+	B2	2.9	N/A
G202	Mixed Group	5	120	1.5	1.5	1.5	1.5	N/A	0	Y-SM	Fair	Mixed group of Hawthorn, Field Maple, Oak, Apple, Prunus and Blackthorn. Several dead trees within group. Ivy encroaching on main stems. North section of group predominantly composed of widely spaced trees.	No works presently required.	20+	C2	1.4	N/A
G203	Goat Willow	6	50;50;50;50	2.0	2	2	2	0	0	SM	Good	Linear planting of Goat Willow shelter belt located just within field. Recently unmanaged.	No works presently required	40+	C2	1.2	N/A
T204	Common Oak	5	380	3.0	3	3	3	0.5 all	0.5	SM	Good	No access to tree. Squat specimen. Crown breaks at 2m.	No works presently required	40+	B1	4.6	N/A
G205	Mixed Group	10	200	3.0	3	3	3	N/A	0	Y-SM	Good	Mixed group of Ash, Oak, Prunus, Field Maple, Apple and Hazel. Predominantly continuous with minor gaps with group. Heights range from 2-10m. Highways planting. Early symptoms of Ash dieback on lower laterals of juvenile Ash in group. Ivy encroaching on several stems of trees in group. Dense lower foliage limits access, prevents full inspection of trees.	No works presently required.	40+	C2	2.4	N/A
G206	Mixed Group	9	300	4.5	4.5	4.5	4.5	N/A	0	SM-EM	Good	Group of Common Alder and Common Oak trees. Locations of individual trees plotted separately. Dense bramble at edge of playing field prevents access to inspect.	No works presently required	40+	B2	3.6	N/A
G206 a	Common Alder	9	300	4.5	4.5	4.5	4.5	N/A	0	SM-EM	Good	Part of group G206	No works presently required	40+	B2	3.6	N/A
G206 b	Common Alder	9	300	4.5	4.5	4.5	4.5	N/A	0	SM-EM	Good	Part of group G206	No works presently required	40+	B2	3.6	N/A
G206 c	Common Oak	9	300	4.5	4.5	4.5	4.5	N/A	0	SM-EM	Good	Part of group G206	No works presently required	40+	B2	3.6	N/A
G206 d	Common Oak	9	300	4.5	4.5	4.5	4.5	N/A	0	SM-EM	Good	Part of group G206	No works presently required	40+	B2	3.6	N/A
G207	Mixed Group	11	240	3.0	3	3	3	N/A	0	Y-EM	Good	Mixed group consisting of Field Maple, Lime, Oak, Ash and Hawthorn. Highways planting. Heights range from 9-11m. Unmanaged hedgerow of Hawthorn located at base of bank. Good form among established early mature trees in group.	No works presently required.	20+	B2	2.9	N/A
G208	Mixed Group	13	440	5.0	5	5	5	N/A	2	EM	Good	Large group of planted Silver Birch, Norway Maple, Ash and Leyland Cypress located alongside access road in cricket club. Trees 4.0m from boundary at closest point. Some thinning of crowns but provide good visual screening.	No works presently required	40+	B2	5.3	N/A

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G209	Mixed Group	4	180	3.0	3	3	3	N/A	0	SM	Fair	Mixed group of Willow and Blackthorn. Heights range from 2-2m. Bramble growing through sections of Blackthorn. Limited access to base of trees prevents full inspection.	No works presently required.	20+	C2	2.2	N/A
G210	White Willow	10	400;400	8.0	6	2	6	N/A	0	M	Fair	Group of 2no. White Willow. Stems lean to north. Larger multi-stem tree to east has historically failed and now corrected itself continuing to grow. Included bark unions at base of larger multi-stem tree.	No works presently required.	10+	C2	6.8	N/A
G211	Mixed Group	4	120	2.5	2.5	2.5	2.5	N/A	0	SM	Good	Widely spaced group of Common Ash and Common Oak on steep bank down from carriageway. 1no. Ash showing signs of onset of Ash dieback.	No works presently required	40+	C2	1.4	N/A
H212	Mixed Hedge	7	150	2.0	2	2	2	N/A	0	EM	Good	Predominantly continuous hedge consisting of Hawthorn, Hazel and Blackthorn. Historically reduced away from field. Bramble growing through hedge.	No works presently required.	20+	B2	1.8	N/A
T213	Common Ash	13	400	5.0	5	5	5	2all	2	EM	Good	Dense bramble understory and ivy on stem prevents full inspection. Good form. <5% major deadwood in crown.	No works presently required.	20+	B1	4.8	N/A
T214	Common Ash	17	250;250;250;250;250	8.0	8	8	8	3 all	3.5	M	Fair	Suspected coppice. Desire path line adjacent stem. Crown historically lifted and wide spreading. Crown thinning at tips and moderate epicormic growth. Thus tree exhibiting symptoms if the onset of Ash dieback.	No works presently required.	20+	B1	6.7	N/A
G215	Common Ash	10	270	4.0	4	4	4	N/A	0	SM-EM	Fair to Good	Planting of Common Ash on bank down from carriageway. Trees are intermittently spaced. Trees are less densely spaced at southern end of group. Most trees are displaying single straight stems.	No works presently required	20+	B2	3.2	N/A
G216	Mixed Group	14	400	3.0	3	3	3	N/A	0	SM-EM	Fair	Mixed group of Oak, Ash and Grey Poplar. Understory of Hazel and Hawthorn. Heights range from 6-14m. Measurements taken from largest tree in group, Poplar to south east.	No works presently required.	40+	B2	4.8	N/A
T217	Common Ash	24	1050	9.0	9	16	16	3.5 w	0	M	Good	Tree located at boundary fence. Well developed, exposed root system. Crown breaks at 3m. Wide spreading heavily weighted and descending branches to south and west touching ground. Storm damaged branches throughout crown, but form fair to good. 5% major and minor deadwood in crown.	Climbed inspection if public access required within 1 x tree height.	40+	B1	12.6	N/A
G218	Mixed Group	6	150	3.0	3	3	3	N/A	0	EM-M	Fair	Group of Blackthorn, Hawthorn and Elder. Minor gaps between trees in group. Trees form an unmanaged boundary hedgeline. Bramble encroaching through several crowns of trees. Heights range from 2-6m.	No works presently required.	20+	B2	1.8	N/A
G219	Mixed Group	7	150	3.0	3	3	3	N/A	0	Y-SM	Good	Mixed group consisting of Ash, Hawthorn, Prunus, Sycamore and Apple. Widely spaced planted trees on bank. Several individuals extend into adjacent field, approx. 3m south of boundary fence.	No works presently required.	20+	C2	1.8	N/A
G220	Mixed Group	6	100	2.0	2	2	2	N/A	0	SM	Fair	Mixed group of Hawthorn, Lime and Blackthorn. Historically reduced away from road. Heights range from 4-6m.	No works presently required.	20+	C2	1.2	N/A
G221	Mixed Group	9	100;100	3.0	3	3	3	N/A	0	SM	Fair	Mixed group consisting of Field Maple and Lime. Understory of Hawthorn and Blackthorn. Trees historically reduced away from road and signs.	No works presently required.	20+	B2	1.7	N/A
G222	Mixed Group	5	120	2.0	2	2	2	N/A	0	SM	Fair	Third party trees. No access which prevents full inspection, all measurements estimated. Scrub group consisting of Hawthorn, Blackthorn, Sycamore and Elder.	No works presently required.	10+	C2	1.4	N/A
G223	Hawthorn	6	150	2.0	2	2	2	N/A	0	EM	Fair	Group of 2no. Hawthorn. Access limited due presence of horses in field. Surveyed from access gate on south side of roundabout. Limited access prevents full inspection, all measurements and location estimated.	No works presently required.	10+	C2	1.8	N/A
G224	Mixed Group	13	400	5.0	5	5	5	N/A	0	EM	Fair	Third party trees. No access which prevents full inspection, all measurements estimated. Mixed group consisting of Sycamore, Ash and Lime. Understory of Hawthorn and Elder. Located within industrial yard.	No works presently required.	20+	B2	4.8	N/A
G225	Mixed Group	9	320	4.5	4.5	4.5	4.5	N/A	0	EM	Fair	Large group of trees in roundabout, unable to access due to dense traffic. Species include Cherry and Ash. High percentage dead and dying. Generally of low value.	No works presently required	10+	C2	3.8	N/A
G226	Mixed Group	12	300	5.0	5	5	5	N/A	0	SM-EM	Good	Non-continuous group of Common Oak and Field Maple with Blackthorn understorey that extends to boundary fence. No access to stems to inspect. Blackthorn C Category.	No works presently required	40+	B2	3.6	N/A

Tree ID	Species	Height (m)	Stem Diameter (mm)	Branch spread N (m)	Branch spread E (m)	Branch spread S (m)	Branch spread W (m)	First significant branch height (m)	Canopy height (m)	Life Stage	Vitality	General observations	Preliminary management recommendations	Estimated Remaining Contribution (Years)	Category Grading	RPA Radius (m)	Impact: Remove / Part Remove / Retain (REM, PRG, RET)
G227	Goat Willow	12	150;150;150;150;150	4.0	4	4	4	N/A	0	EM	Good	Group of self-set Goat Willow located between farmed track and railway line with occasional Hawthorn. No access to inspect. High percentage of stems have partially uprooted.	No works presently required. Coppicing recommended within 1.5x tree height of public access.	20+	C2	4.0	N/A
G228	Goat Willow	8	200	3.0	3	3	3	N/A	0	SM	Good	Group of Goat Willow. Located on banked slope of pond. Approx. 10no. in group. Presence of cattle limits access and prevents full inspection.	No works presently required.	20+	C2	2.4	N/A
G229	Common Ash	8	150	2.5	2.5	2.5	2.5	N/A	0	SM	Good	Group of self-sown Ash adjacent railway line. No access which prevents full inspection.	No works presently required.	20+	C2	1.8	N/A
G230	Common Ash	14	350	6.0	6	6	6	2all	3	EM	Good	Group of approx. 5no. Ash. Located within railway track. Boundary fence and presence of cattle within adjacent field limits access. Prevents full inspection, all measurements estimated. Good form. <5% major deadwood.	No works presently required.	20+	B2	4.2	N/A
G231	Hawthorn	5	180	3.0	3	3	3	N/A	0	EM-M	Good	Group of approx. 8no. Hawthorn. Presence of cattle limits access, prevents full inspection of trees. Good form.	No works presently required.	20+	B2	2.2	N/A
G232	Mixed Group	10	200	3.0	3	3	3	N/A	0	SM-EM	Good	Mixed group consisting of Ash, Hawthorn, Blackthorn and Field Maple. Highways planting. Good screening. Some individuals become further spaced apart encroaching into the adjacent north field.	No works presently required	20+	B2	2.4	N/A
G233	Mixed Group	5	120	2.0	2	2	2	N/A	0	Y - SM	Good	Mixed group consisting of Hawthorn, Oak, Apple, Blackthorn and Ash. Widely spaced trees. Located on banked slope, extending down to edge of adjacent north field. Group becomes more dense towards south.	No works presently required.	20+	C2	1.4	N/A
G234	Mixed Group	11	350	5.0	5	5	5	2 all	0.5	EM	Good	Group of intermittently spaced Common Ash and Alder located at edge of field and top of bank.	No works presently required	20+	B2	4.2	N/A
G235A	Common Ash	22	480;400;420	8.0	8	8	8	N/A	2	M	Good	mature Common Ash located between water course and railway line. Limited access. Leaning stems. Storm damage in crowns including large branches. Historic selective crown reductions. Tree furthest north pollarded at 1.5m.	No works presently required	40+	B1	9.0	N/A
G235B	Common Ash	22	480;400;420	8.0	8	8	8	N/A	0	M	Good	mature Common Ash located between water course and railway line. Limited access. Leaning stems. Storm damage in crowns including large branches. Historic selective crown reductions. Tree furthest north pollarded at 1.5m.	No works presently required	40+	B2	9.0	N/A
G236	Mixed Group	8	280	5.0	5	5	5	N/A	0	SM-EM	Good	Group of common Ash and Hawthorn between Railway line and water course. No access all measurements estimated.	No works presently required	20+	C2	3.4	N/A
H237	Hawthorn	6	150	3.0	3	3	3	N/A	0	EM-M	Good	Hedge consisting of Hawthorn. Unmanaged. Located on north side of ditch.	No works presently required.	20+	B2	1.8	N/A
G238	White Willow	15	1300	10.0	8	9	8	1.8 all	0	OM	Fair	Group of approx. 5no. White Willow. Lapsed pollards. Decay and hollowing present through all main stems. Several hazard beams and failed hanging branches throughout crowns. Multiple laterals to north have failed and now resting on ground, reducing crown clearance. 2no. trees in centre have failed stems which have then regenerated. 1no. tree has rhizomorphs associated with Armillaria sp at base of decayed stem. Compaction of soils at base of trees due to presence of cattle. Heights range from 10-15m. Crown breaks at 2m.	No works presently required.	10+	C3	15.6	N/A
G238A	White Willow	15	1300	8.0	8	8	8	N/A	0	OM	Fair	Part of group G238	No works presently required.	10+	C3	15.6	N/A
G238B	White Willow	15	600	8.0	8	8	8	N/A	0	OM	Fair	Part of group G238	No works presently required.	10+	C3	7.2	N/A
G238C	White Willow	15	800;300	8.0	8	8	8	N/A	0	OM	Fair	Part of group G238	No works presently required.	10+	C3	10.3	N/A
G238D	White Willow	15	1300	8.0	8	8	8	N/A	0	OM	Fair	Part of group G238	No works presently required.	10+	C3	15.6	N/A
G239	Sycamore	8	270;120	4.5	4.5	4.5	4.5	0.5 all	0	EM	Fair	2no. even aged Sycamore on bank to River Trent. Multi-stemmed trees with low value.	No works presently required	40+	C2	3.5	N/A
G240	Mixed Group	10	250	4.5	4.5	4.5	4.5	N/A	0	SM-EM	Good	Small group of Ash trees generally 2no. trees wide located close to carriageway at top of bank. Understory of Blackthorn. No access to inspect.	No works presently required	20+	B2	3.0	N/A
T241	Weeping Willow	5	120	2.5	2.5	2.5	2.5	1.5 all	0	SM	Good	No comments.	No works presently required	40+	C1	1.4	N/A

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G242	Mixed Group	11	260	5.5	5.5	5.5	5.5	N/A	0	SM-EM	Fair	Row of Goat and White Willow located at edge of field just outside timber boundary fence. Some branches growing through and straddling fence. Fair form.	No works presently required	40+	C2	3.1	N/A
G243	Cricket Bat Willow	4	30	0.5	0.5	0.5	0.5	N/A	0	Y	Fair	Field of planted Cricket Bat Willows. Technically outside scope of BS5837 but included for reference. Trees are planted in rows at approx. 8-10m spacings.	No works presently required	20+	C2	0.4	N/A
G244	Mixed Group	18	240;220;220;200;260	5.0	5	5	5	N/A	0	EM	Good	Group of planted Highways Authority trees. Dominant specimens are located at base of bank similar level to field. Group comprised of Common Oak and Crack Willow. Several Oaks are being suppressed by the Willows. Understory of Hawthorn. Oaks are more dominant at southern end of group. The Crack Willows will require coppicing/ works in the future.	No works presently required	40+	B2	6.1	N/A
G245	Mixed Group	4	110;110	2.0	2	2	2	N/A	0	SM-EM	Good	Highways Authority planting of widely spaced Hawthorn, Elder Ash, and Goat Willow extending between carriageway and field edge. Occasional trees located outside if timber boundary fence. Trees scrubby in form. Trees become more dense at southern end of group but are of similar planting.	No works presently required	10+	C2	1.9	N/A
G246	Mixed Group	9	280	4.5	4.5	4.5	4.5	N/A	0	EM	Good	Small group located between edge of field and water inlet to river. Species include Field Maple and Cherry. Trees are densely spaced and generally of good condition.	No works presently required	40+	B2	3.4	N/A
G247	Mixed Group	30	620	7.0	7	7	7	N/A	0	M	Good	Stand of White Willow with understory of Lime and Alder. Trees are intermittent but relatively densely spaced with clear straight stems. Some twin stems. 5% major and minor deadwood in crowns.	No works presently required	20+	B2	7.4	N/A
G248	Silver Birch	15	260	4.5	4.5	4.5	4.5	3.5 all	1.5	EM	Good	Group of 3no. Silver Birch located on third-party land 0.75m from boundary fence. No access to inspect.	No works presently required	20+	B2	3.1	N/A
T249	Common Oak	14	460	4.0	4	7	5	2.5 s	1.5	EM	Fair	Third-party tree. No access to inspect, all measurements estimated. Crown slightly thinning.	No works presently required	40+	B1	5.5	N/A
G250	Sycamore	10	370	5.0	5	5	5	2 w	1.2	EM	Fair to Good	Group of 5no. Sycamore at perimeter of third-party garden.	No works presently required.	40+	B2	4.4	N/A
T251	Common Ash	7	880	5.0	2	5	4.5	N/A	0	OM	Fair	Over mature tree at field margins with veteran characteristics. No access to inspect. Co-dominant stem to east has historically failed just beneath existing branch attachment points at 3m. Significant decay at wound.	No works presently required	10+	C3	10.6	N/A
G252	Mixed Group	14	360	3.5	3.5	3.5	3.5	N/A	0	EM	Good	Group of third party trees located behind timber boundary fence. Species include Holly, Common Oak, Field and Yew. No access to inspect. High visual screening value.	No works presently required	40+	B2	4.3	N/A
G253	Mixed Group	13	290	4.0	4	4	4	N/A	0	SM-EM	Fair to Good	Group of Norway Maple and Leyland Cypress at edge of footpath. Cypress have historic failures, large wound on stem of tee to north. Norway Maple are suppressed.	No works presently required	10+	C2	3.5	N/A
H254	Mixed Hedge	3	70	1.2	1.2	1.2	1.2	N/A	0	SM	Good	New planting of Hawthorn hedging located carriageway side of boundary fence. No sign of management since planting. Occasional semi-mature standard tree planting just behind hedge in field. Species include Birch and Cherry.	No works presently required	40+	C2	0.8	N/A
G255	Mixed Group	8	220	3.0	3	3	3	N/A	0	Y-EM	Fair	Mixed group consisting of Oak, Ash, Hawthorn, Apple, Blackthorn, Field Maple and Cherry. Highways planting. Sections of group with dense low canopy and understory vegetation, prevents full inspection of trees. Sections of group historically reduced away from A46. Heights range from 4-8m. Blackthorn scrub located at south of group. Blackthorn is C category.	No works presently required.	40+	B2	2.6	N/A
G256	Hawthorn	4.5	120;100	2.0	2	2	2	N/A	0	SM	Fair	Group of 4no. Hawthorn. Self-sown trees on river bank.	No works presently required.	20+	C2	1.9	N/A
G257	Mixed Group	16	220	3.0	3	3	3	N/A	0	SM-EM	Good	Mixed group consisting of Ash, Oak, Alder, Hazel, Plum, Walnut, Sweet Chestnut, Field Maple, Blackthorn, Sycamore and Cherry. Highways planting. Oak and Sweet Chestnut become more dominant within group further south. Dense understory within sections of group limits full inspection of trees. Good screening. Heights range from 3-16m. 2no. dead cherry in group. Sections of group historically reduced away from A46. Group extends beyond ditch line at bottom of bank to boundary fence of third party properties. Boundary fence is non continuous.	No works presently required.	40+	B2	2.6	N/A

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G258	Mixed Group	20	450	8.0	8	8	8	N/A	0	EM-M	Good	Third party trees. No access all measurements estimated. Limited access prevents full inspection. Mixed group consisting of Ash, Oak, Beech, Lime, Cypress, Birch, Horse Chestnut and Willow. Hazel, Hawthorn and Holly understory. 1no. Beech displaying symptoms of bacterial wetwood on main stem. 5% major deadwood present in crowns. Heights range from 2-20m.Trees predominantly located on west side of boundary fence and drainage ditch, with some trees located directly on boundary line.	No works presently required.	20+	B2	5.4	N/A
H259	Hawthorn	3.5	70	0.8	0.75	0.75	0.75	N/A	0	SM	Good	Hedge of Hawthorn. No evidence of management since planting.	No works presently required	40+	C2	0.8	N/A
H260	Mixed Hedge	1.2	50	0.5	0.5	0.5	0.5	N/A	0	SM	Fair	Regularly managed hedge of Blackthorn, Hawthorn and Ash adjacent to dry ditch.	No works presently required	40+	C2	0.6	N/A
T261	Italian Alder	13	350	4.0	4	4	4	4all	3.5	EM	Fair to Good	Slight lean to north east. No access to inspect stem 2.0 m from boundary. Root related disruption of car park suspected.	No works presently required	20+	B1	4.2	N/A
G262	Norway Maple	9	320	5.5	5.5	5.5	5.5	1.6 all	0	SM-EM	Good	2no. even aged Norway Maple. Both trees historically pruned back from light columns. Electric stability cable through crown of dominant tree.	No works presently required	20+	C2	3.8	N/A
H263	Mixed Hedge	5	108	1.5	1.5	1.5	1.5	N/A	0	SM-EM	Good	Predominantly continuous mixed hedge consisting of Hawthorn and Blackthorn. Large sections of rose growing though hedge. Unmanaged.	No works presently required.	20+	C2	1.3	N/A
G264	Common Beech	18	600	9.0	9	9	9	N/A	0	M	Good	Third party trees. No access, all measurements estimated. Group of approx. 6no. Beech. Limited access prevents full inspection. Good form. Maiden trees.	No works presently required.	20+	B2	7.2	N/A
G265	Mixed Group	10	180;150	3.5	3.5	3.5	3.5	N/A	0	EM	Good	Third party amenity planting of Field Maple, White Willow and Goat Willow dominant trees with 5m tall massed Cornus shrubs extending into third party gardens.	No works presently required	20+	C2	2.8	N/A
G266	Mixed Group	4.5	150	3.0	3	3	3	N/A	0	SM-EM	Good	Dense third-party group of Hawthorn and Ash overhanging boundary fence slightly. No recent management.	No works presently required	20+	B2	1.8	N/A
H267	Mixed Hedge	4	75	1.5	1.5	1.5	1.5	N/A	0	Y-SM	Good	Mixed hedgerow of Hawthorn, Hazel, Blackthorn and Ligustrum. Recently planted. Rose growing through sections of hedge. Unmanaged. Predominantly continuous, gaps forming in north section of hedge. Several individual shrubs planted away from hedgerow to east.	No works presently required.	20+	C2	0.9	N/A
G268	Mixed Group	4.5	75	1.0	1	1	1	N/A	0	Y-SM	Good	Scrub group consisting of Apple, Oak, Field Maple, Hawthorn and Willow. Gaps between trees further north.	No works presently required.	10+	C2	0.9	N/A
G269	Mixed Group	7	130	3.0	3	3	3	N/A	0	Y-SM	Good	Mixed group.	No works presently required.	10+	C2	1.6	N/A
G270	Mixed Group	13	270	4.5	4.5	4.5	4.5	N/A	0	EM	Good	Linear Highways Authority group of planted trees on stepped bank down from carriageway. Species include Common Ash, Common Oak, Field Maple (canopy trees) and Hawthorn, Blackthorn and Hazel understory. Intermittent but densely spaced. Density reduces in middle of group. Most of group too dense to access. Trees further down bank with slender forced growth. Scots pine present at northern end of group.	Trees are not of significant arboricultural value along length but provide good visual screening.	40+	B2	3.2	N/A
G271	Grey Poplar	25	750	8.0	8	8	8	N/A	3	M	Fair to Good	Group of Grey Poplar located close timber boundary fence. Unable to reach all stems. Those accessible with clear straight stems/ slight lean. Several trees with included unions, which will likely reduce life expectancy.	No works presently required	20+	B2	9.0	N/A
G272	Mixed Group	2	75	1.0	1	1	1	N/A	0	Y	Good	Scrub group consisting of Blackthorn and Hawthorn.	No works presently required.	20+	C2	0.9	N/A
T273	Silver Birch	11	320	4.0	4	4	4	2e	2	EM	Fair	Third party tree. No access, all measurements estimated. Ivy encroaching on main stem. Preventing full inspection. Good form.	No works presently required.	20+	B1	3.8	N/A
H274	Mixed Hedge	2.5	100	1.0	1	1	1	N/A	0	EM	Fair	Mixed hedge consisting of Hawthorn, Blackthorn and Sycamore. Historically maintained at 2m. Bramble growing through hedge.	No works presently required.	20+	C2	1.2	N/A
G275	Mixed Group	11	200	2.0	2	2	2	N/A	0	SM	Good	Mixed group of Oak, Ash, Field Maple, Cherry, Plum. Understory of Hawthorn and Blackthorn within sections of group limiting access, prevents full inspection of base of trees. Highways planting. Furthest north section of group has level change from A46 down bank to ground level. Approx. 12m level change. Good screening. Trees encroach to drainage ditch to east. Sections reduced away from A46. Y-SM. Heights range from 4-11m.	No works presently required.	40+	B2	2.4	N/A
G276	Goat Willow	6	150	2.0	2	2	2	N/A	0	SM	Good	Group of Goat Willow within scrub area.	No works presently required.	10+	C2	1.8	N/A

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G277	Crack Willow	14	350	9.0	8	8	8	N/A	0	EM	Good	Group of approx 6no. Crack Willow. Located on northern river bank. Dense vegetation limits access to base of trees, prevents full inspection. Wide spreading crowns. Heights range from 7-14m. Predominantly continuous group with minor gaps between trees. Good collective screening.	No works presently required.	20+	C2	4.2	N/A
G278	Hawthorn	4.5	150	2.0	2	2	2	N/A	0	SM-EM	Good	Group consisting of Hawthorn. Minor gaps between trees. Good form.	No works presently required.	20+	B2	1.8	N/A
G279	Mixed Group	4.5	150	2.0	2	2	2	N/A	0	SM-EM	Good	Mixed group consisting of Hawthorn and Goat willow.	No works presently required.	20+	C2	1.8	N/A
T280	Apple	4.5	200	2.0	2	2	2	1all	1	SM	Good	Vegetation at base prevents full inspection.	No works presently required.	20+	C1	2.4	N/A
T281	Common Hawthorn	4	150	1.5	1.5	1.5	1.5	N/A	0	SM	Good	Tree located in centre of field. Vegetation at base prevents full inspection.	No works presently required.	20+	C1	1.8	N/A
G282	Common Ash	10	200	5.0	5	5	5	1all	1	EM	Fair	Group of 2no. Ash. Measurements taken from largest tree furthest north in group. Smaller Ash has understory of Hawthorn. Larger tree displaying symptoms of Ash dieback on foliage. Sparse crown.	No works presently required.	10+	C2	2.4	N/A
T283	Common Ash	17	820	10.0	10	10	10	3all	0	M	Fair	Several detached brackets of Inonotus hispidus at base of tree with attached brackets at 6m on main stem. Wide spreading canopy with over extended laterals. >5% major deadwood in crown. Prominent tree within landscape.	No works presently required. Aerial inspection of crown with further testing if public access is within 1.5x height of tree.	10+	B1	9.8	N/A
G284	Mixed Group	9	150	3.0	3	3	3	N/A	0	SM	Good	Mixed group of Field Maple and Hawthorn. Goat Willow understory to east of group. Highways planting.	No works presently required.	20+	B2	1.8	N/A
G285	Mixed Group	9	250	3.0	3	3	3	N/A	0	Y-EM	Good	Mixed group consisting of Oak, Field Maple, Hawthorn, Blackthorn, Ash, Scots Pine, Hazel and Goat Willow. Highways planting. Good collective screening. Understory of Bramble and Blackthorn prevents full inspection. Larger early mature trees predominantly closer to road. Section of group to north has wide section of Hawthorn encroaching into adjacent field east. Heights range from 3-9m.	No works presently required.	40+	B2	3.0	N/A
G286	White Willow	15	950	9.0	9	9	9	1.5 all	0	OM	Fair	Group of 2no. White Willow. Lapsed pollards. Vegetation at base prevents full inspection. Several storm damaged wounds throughout crowns. Crown break 1.5m. Failed laterals resting in field to north. Wide spreading crowns. 5% major deadwood in crowns.	No works presently required.	10+	C3	11.4	N/A
G287	Mixed Group	25	320;320	9.0	9	9	9	N/A	1	M	Good	Large group of Highways Authority planted trees. Group dominated by 25-30m tall Crack Willow, of which most are multistemmed. 10% with wounds in stems and minor storm damage in crowns. Trees are likely to require coppicing/ works in future to safely retain. Understorey of Hawthorn, Cornus and Hazel extending to timber boundary fence. Secondary trees at boundary with carriageway and beneath Willow of field.	Maple, Common Ash and Hawthorn. Willow tree density reduces furthest north.	40+	B2	5.4	N/A
G288	Mixed Group	10	150;150;150	3.5	3.5	3.5	3.5	N/A	0	EM	Good	Linear group of Field Maple and Hawthorn. At field boundary. Unable to access stems to south. Trees are widely spaced.	No works presently required	40+	C2	3.1	N/A
H289	Hawthorn	5	120	2.0	2	2	2	N/A	0	SM	Poor	Continuous Hawthorn hedge. Major tip die back of several trees.	No works presently required.	10+	C2	1.4	N/A
G290	Hawthorn	5	75	1.5	1.5	1.5	1.5	N/A	0	SM	Fair	Scrub group of Hawthorn. Located at bottom of bank.	No works presently required.	20+	C2	0.9	N/A
H291	Hawthorn	5	100	1.5	1.5	1.5	1.5	N/A	0	SM-EM	Good	Continuous Hawthorn hedge.	No works presently required.	20+	B2	1.2	N/A
T292	Goat Willow	6	300	3.0	3	3	3	3all	2	EM	Fair	Strip wound on main stem at 0.4m above ground level. Decay present. Wound length 350mm. Historically crown lifted on north side.	No works presently required.	<10	C1	3.6	N/A
G293	Mixed Group	7	150	2.0	2	2	2	N/A	0	SM	Fair	Group of self-sown Ash and Apple. Located behind boundary fence within railway track. Limited access prevents full inspection of trees.	No works presently required.	10+	C2	1.8	N/A
T294	Field Maple	11	390;290;200	5.5	5.5	5.5	5.5	1.5 e	0.5	M	Fair	Hedgerow tree. Stem intertwining with Hawthorn. Fused branches. Fair to good. Minor storm damage in crown.	No works presently required	20+	B1	6.3	N/A
T295	Field Maple	8	420	6.0	6	6	6	0 all	0	M	Good	Hedgerow specimen. Large wound with good response growth in west side of stem. Crown breaks at 3m.	No works presently required	40+	B1	5.0	N/A

Tree ID	Species	Height (m)	Stem Diameter (mm)	Branch spread N (m)	Branch spread E (m)	Branch spread S (m)	Branch spread W (m)	First significant branch height (m)	Canopy height (m)	Life Stage	Vitality	General observations	Preliminary management recommendations	Estimated Remaining Contribution (Years)	Category Grading	RPA Radius (m)	Impact: Remove / Part Remove / Retain (REM, PRG, RET)
T296	Common Ash	21	950;480	8.0	7	7	9.5	4.5 e	1.2	M	Fair to Good	Soil compaction at base. Exposed structural root system. Storm damage and fractured branches both throughout crown. Inonotus hispidus brackets attached to central structural branch with decay at old wound.	Climbed inspection if public access within 1.5 x tree height.	20+	B1	12.8	N/A
G297	Mixed Group	18	550	5.0	5	5	5	N/A	0	EM-M	Fair to Good	Large group located between railway, farmers track and A46. Species include Common Ash, White Willow and Goat Willow. Many trees standing in water. No access all measurements estimated.	No works presently required	40+	B2	6.6	N/A

D. Appendix : A46 Newark Bypass tree survey schedule

Appendix Table D-1: A46 Newark Bypass tree survey schedule: Part 2

Glossary: Obscured = no or limited assessment possible, av. = average, sp = species

Tree ref	Tree Type	Life Stage	Height (m)	Av Crown Spread (m)				Av Crown Height (m)					No of trees or stems	Stem Diameter (mm)	Root Protection Area (RPA)		Condition				BS5837 Category	Useful remaining contribution (years)	Comment
				N	E	S	W	1st branch (m)	N	E	S	W			RPA Radius (m)	RPA (m^2)	Crown	Stem	Basal Area	General Physical			
G283	Common ash	Semi-mature	10	3	3	3	3	2N	2	2	2	2	1	320	3.8	46	Fair	Fair	Fair	Fair	B1	20+	Common ash situated on the field margin.
T298	Silver birch	Semi-mature	14	6	6	5	6	2.5W	4	4	2	2	1	500	6	113	Obscured (ivy)	Fair	Obscured (ivy)	Fair	B1	20+	Diameter estimated due to ivy cover. Larger tree within boundary hedgerow with ivy cover into lower canopy.
T299	Silver birch	Semi-mature	12	3	2.5	3	2.5	1.5S	1.5	1.5	1.5	1.5	1	350	4.2	55	Obscured (ivy)	Poor	Obscured (ivy)	Decline	C1	10+	Dieback in the crown, especially in eastern section of the canopy over car park. Stem set back from the hard standing by approximately 1m.
T300	Common ash	Semi-mature	10	6	5	4	4	2E	2	2	1	1.5	3	300/ 180/ 225	5	78	Fair	Fair	Fair	Fair	B1	20+	Multi-stemmed ash on edge on car park. Branches overhanging onto hard standing. Houses behind fence, some amenity value as part of a linear belt with some screening function.
T301	Cherry sp	Semi-mature	4	2	2	2	2	1N	2	1	2	2	1	130	1.6	8	Obscured (misc.)	Fair	Obscured (misc.)	Fair	C1	20+	Stem and base obscured by fence - diameter estimated. Part of amenity planting within housing estate.
T302	Sycamore	Mature	14	5	4	5	5	2E	2.5	2	3.5	3	1	570	6.8	147	Good	Good	Good	Good	B1	40+	Prominent roadside tree directly adjacent the footpath. Roots to west likely compromised due to footpath and to the east by small building. Canopy growth from old pollard.
T303	Sycamore	Mature	14	5	4	5	5	3.5E	3.5	2	2	3.5	1	510	6.1	118	Good	Good	Good	Good	B1	40+	Prominent roadside tree directly adjacent footpath. Roots to west likely compromised due to footpath. Canopy growth from old pollard. Car park to the east of the tree approximately 6m.
T304	Sycamore	Mature	14	5	4	5	5	3.5E	3.5	2.5	3	4.5	1	600	7.2	163	Good	Good	Good	Good	B1	40+	Prominent roadside tree directly adjacent footpath. Roots to west likely compromised due to footpath. Canopy growth from old pollard.
T305	Sycamore	Mature	13	6	5	6	5	3.5E	3.5	2.5	3.5	4.5	1	530	6.4	127	Good	Good	Good	Good	B1	40+	Prominent roadside tree directly adjacent footpath. Roots to west likely compromised due to footpath. Canopy growth from old pollard. carpark to the east of the tree approximately 6m.
T306	Sycamore	Mature	14	6	6	6	6	2W	3.5	4.5	3	3	1	650	7.8	191	Good	Good	Good	Good	B1	40+	Prominent roadside tree directly adjacent footpaths. Roots likely compromised due to footpath and road. Road approximately 2.5m east of stem.
T307	Silver birch	Early Mature	12.5	6	3.5	5	5	4W	3	4	4	3	1	560	6.7	142	Obscured (Ivy)	Good	Obscured (Ivy)	Good	B1	40+	Well established tree situated 4.5m from the walkway entrance. Slightly asymmetrically formed due to restricted growth on the eastern side, but a good overall crown formation.

Tree ref	Tree Type	Life Stage	Height (m)	Av Crown Spread (m)				Av Crown Height (m)					No of trees or stems	Stem Diameter (mm)	Root Protection Area (RPA)		Condition				BS5837 Category	Useful remaining contribution (years)	Comment
				N	E	S	W	1st branch (m)	N	E	S	W			RPA Radius (m)	RPA (m²)	Crown	Stem	Basal Area	General Physical			
T308	Sycamore	Early Mature	13	7	4	6	4	4S	3	4	4	4	2	590/ 450	8.9	249	Obscured (Ivy)	Good	Obscured (Ivy)	Good	B1	40+	Co-dominant stem forms at approximately 1.3m and the union between them is heavily obscured by ivy. The crown appears to be in good physiological condition.
T309	Silver birch	Early Mature	15	5	3.5	5	2.5	3.5N	2	3	8	3	1	400	4.8	72	Obscured (Ivy)	Fair	Obscured (Ivy)	Fair	C1	20+	Has developed with a stem leaning east because of surrounding trees. Dense ivy obscuring entire base and stem.
T310	Sycamore	Early Mature	15	7	5	8	5	3S	3	4	2	3	4	400/ 630/ 390/ 500	11.7	434	Obscured (Ivy)	Good	Obscured (Ivy)	Good	B1	40+	Co-dominant stem forms at approximately 1.2m and the union between them is heavily obscured by ivy. The crown appears to be in good physiological condition. South leaning stem appears to have a V-shaped union and is therefore a potential point of structural weakness.
T311	Silver birch	Early Mature	15	3	3.5	5.5	2.5	4S	8	3	3	8	1	470	5.6	100	Obscured (Ivy)	Fair	Obscured (Ivy)	Fair	C1	20+	Dense ivy obscuring entire base and stem. Crown appears to be in good physiological condition, however, has formed asymmetrically due to neighbouring trees on the northern side.
T312	Sycamore	Early Mature	15	8	5	6	4	3N	2	5	4	2	1	710	8.5	228	Obscured (Ivy)	Good	Obscured (Ivy)	Good	B1	40+	Well established tree. Asymmetric form and reduced growth and dieback on the eastern and southern side likely because of a tree being present which has since been felled.
T313	Sycamore	Early Mature	15	7	4	7	6	4N	4	6	2	6	1	690	8.3	215	Obscured (Ivy)	Poor	Obscured (Ivy)	Poor	C1	20+	Dieback throughout the crown. Dense ivy on the base and most of the stem.
T314	Sycamore	Early Mature	14	5.5	5	6	2.5	3S	5	4	3	8	1	450	5.4	92	Obscured (Ivy)	Poor	Obscured (Ivy)	Poor	C1	20+	Dieback throughout the crown. Suppressed crown development on the western. Dense ivy on the base and most of the stem.
T315	Holm oak	Semi-mature	10	6	6	4	7	2W	2	2	2	1	1	760	9.1	261	Good	Good	Good	Good	B1	40+	Open grown form. Co-dominant stems form at 1.6m, V-shaped unions between the stems. Good physiological condition.
T316	Silver birch	Semi-mature	11	6	2.5	1	2.5	3W	4.5	5	5	4	1	400	4.8	72	Obscured (Ivy)	Fair	Obscured (Ivy)	Fair	C1	20+	Dense ivy cover obscuring most of the base and stem. Some dieback present in the lower crown.
T317	Silver birch	Semi-mature	14	2	6	6	4.5	3S	5	3	2	2.5	1	410	4.9	76	Obscured (Ivy)	Good	Obscured (Ivy)	Good	B1	20+	Asymmetrically formed tree due to a tree which was previously present on the northern side, this tree has since been felled. Dense ivy obscuring base and stem to 8m+.
T318	Austrian pine	Semi-mature	13	5	5	2	3.5	6.5W	5	6	6	5	1	540	6.5	132	Obscured (Ivy)	Fair	Obscured (Ivy)	Good	B1	40+	Asymmetric crown because of suppressed crown development on the southern side due to the presence of a large tree which has since been felled. Evidence of nesting birds in the crown.
T319	Sycamore	Mature	15	7	7	7	7	3W	3	3	3	3	1	950	11.4	408	Obscured (Ivy)	Fair	Obscured (Ivy)	Fair	B1	40+	Significant ivy cover obscuring most of the base and stem. Co-dominant stems form at 2m. Situated adjacent to the compound fence.
T320	Sycamore	Early Mature	12	7	7	5	7	3W	3	3	3	3	1	800	9.6	290	Obscured (Ivy)	Fair	Obscured (Ivy)	Fair	B1	20+	Significant ivy cover obscuring most of the base and stem. Co-dominant stems form at 2m. Areas of dieback present throughout the crown.

Tree ref	Tree Type	Life Stage	Height (m)	Av Crown Spread (m)				Av Crown Height (m)					No of trees or stems	Stem Diameter (mm)	Root Protection Area (RPA)		Condition				BS5837 Category	Useful remaining contribution (years)	Comment
				N	E	S	W	1st branch (m)	N	E	S	W			RPA Radius (m)	RPA (m²)	Crown	Stem	Basal Area	General Physical			
T321	Sycamore	Semi-mature	13	4	7	6	6	3.5W	4	3.5	4	4	1	450	5.4	92	Obscured (Ivy)	Obscured (Ivy)	Obscured (Ivy)	Fair	C1	20+	Dense ivy coverage of the base, stem, and crown. Unable to gauge an accurate estimate of stem diameter due to ivy cover and bees nesting within the ivy.
T322	Small-leaved lime	Semi-mature	13	3.5	3.5	3.5	3	3E	4	4	4	4	1	390	4.7	69	Obscured (Ivy)	Obscured (Ivy)	Obscured (Ivy)	Fair	C1	20+	Significant ivy cover obscuring entire tree. Situated on the boundary fence.
T323	Sycamore	Semi-mature	12	4	5	5	4	2.5N	3	3	3	3	1	380	4.6	65	Obscured (Ivy)	Obscured (Ivy)	Obscured (Ivy)	Fair	C1	20+	Significant ivy cover obscuring entire tree. Situated on the boundary fence.
T324	Sycamore	Semi-mature	12	3	5	3	5	3.5W	3.5	3	3	3	1	400	4.8	72	Obscured (Ivy)	Obscured (Ivy)	Obscured (Ivy)	Fair	C1	20+	Significant ivy cover obscuring entire tree. Situated on the boundary fence, unable to access base of stem due to dense shrubbery and ivy.
T325	Laburnum	Semi-mature	5	2.5	2.5	2.5	2.5	1E	0.5	0.5	0.5	0.5	15	50 av.	2.3	17	Obscured (Ivy)	Fair	Fair	Fair	C1	20+	Located approximately 4.5m from the footpath. Provides good amenity value when in flower.
T326	Swedish whitebeam	Young	5	2	2	2	2	2S	1	1	1	1	1	130	1.6	8	Good	Good	Poor	Fair	C1	20+	Significant damage to the base of the stem and root collar.
T327	Sycamore	Semi-mature	6	2	2	2	2.5	2.5W	2.5	2.5	2.5	2.5	1	410	4.9	76	Fair	Fair	Fair	Fair	C1	20+	Pollarded tree. Situated approximately. 3m from the road/kerb.
T328	Common ash	Semi-mature	10.5	7	5	6	4	3S	3	4	3	3	3	360/490/480	9.3	272	Fair	Poor	Fair	Fair	C1	10+	Significant dieback throughout the crown. Co-dominant stems form from the base. A drainage ditch (3m+ deep) resides on the western side of the stem between the tree and the road. Therefore, most of the root system will be on the eastern side of the stem.
T329	Wild cherry	Semi-mature	8	3	3.5	3	1	3S	3	3	3	5	1	350	4.2	55	Fair	Fair	Fair	Fair	C1	10+	Wild cherry furthest east of the group and 1m from the car park has large wounds at 1m and 2.5m, decaying wood is present within these wounds - sounding mallet to assess degradation extent - determined that currently there appears to be less decay than it would appear. Monitor and assessed at regular intervals to ensure it is safe to retain. Physiological condition appears reasonable.
T330	Small-leaved lime	Semi-mature	10	3	3	3	2	2N	3	3	3	4	1	340	4.1	52	Good	Good	Fair	Good	B1	40+	Situated 1m from the road on a grass verge. Avenue of small-leaved limes. The CAT B categorisation is justified by the amenity value of these trees. V-shaped union between co-dominant stems at 2.5m.
T331	Small-leaved lime	Semi-mature	10	3	3	3.5	3	3.5S	4	4	4	4	1	370	4.4	62	Good	Good	Fair	Good	B1	40+	Situated 1m from the road on a grass verge. Avenue of small-leaved limes. The CAT B categorisation is justified by the amenity value of these trees. Pruning wound at 4m on the western side of the stem.

Tree ref	Tree Type	Life Stage	Height (m)	Av Crown Spread (m)				Av Crown Height (m)					No of trees or stems	Stem Diameter (mm)	Root Protection Area (RPA)		Condition				BS5837 Category	Useful remaining contribution (years)	Comment
				N	E	S	W	1st branch (m)	N	E	S	W			RPA Radius (m)	RPA (m²)	Crown	Stem	Basal Area	General Physical			
T332	Small-leaved lime	Semi-mature	11	4	4	3.5	3	3.5S	4	4	4	4.5	1	370	4.4	62	Good	Good	Fair	Good	B1	40+	Situated 1m from the road on a grass verge. Avenue of small-leaved limes. The CAT B categorisation is justified by the amenity value of these trees. Pruning wound at 4m on the eastern side of the stem. Limb tear-out on the western side of the stem at approximately 2.5m at the union between the co-dominant stems.
T333	Small-leaved lime	Semi-mature	10	4	3	4	4	4W	4	4	4	4	1	330	4	49	Good	Good	Fair	Good	B1	40+	Situated 1m from the road on a grass verge. Avenue of small-leaved limes. The CAT B categorisation is justified by the amenity value of these trees. Exposed buttress roots on the southern side and evidence of root girdling because of poor planting practice. General physiological condition is good.
T334	Small-leaved lime	Semi-mature	10.5	3	3	3	3	4N	4	4	4	4	1	260	3.1	31	Good	Good	Fair	Good	B1	40+	Situated 1m from the road on a grass verge. Avenue of small-leaved limes. The CAT B categorisation is justified by the amenity value of these trees. Exposed buttress roots on the northern side. Symmetrical crown form and appears to be in good physiological condition.
T335	Small-leaved lime	Semi-mature	11	3.5	3.5	3.5	3.5	4N	4	4	4	4.5	1	320	3.8	46	Good	Good	Fair	Good	B1	40+	Situated 1m from the road on a grass verge. Avenue of small-leaved limes. The CAT B categorisation is justified by the amenity value of these trees.
T336	Silver maple	Early Mature	11	5	5	5	5	2E	2	2	2	2	1	400	4.8	72	Obscured (misc.)	Good	Obscured (misc.)	Good	B1	40+	Estimated dimensions due to restricted access in the form of an active construction site.
T337	Silver maple	Early Mature	11	5	5	5	5	3W	2	2	2	2	1	400	4.8	72	Obscured (misc.)	Good	Obscured (misc.)	Good	B1	40+	Estimated dimensions due to restricted access in the form of an active construction site.
T338	English elm	Semi-mature	9	2	3	2	2	2N	3	3	3	2	1	200	2.4	18	Good	Good	Good	Good	B1	40+	Likely self-seeded. Located 1.5m from the road on a grass verge. Tips of upper crown minorly overhang the road. Good physiological condition.
T339	Small-leaved lime	Semi-mature	10	5	4	4	4	3N	4.5	4.5	4.5	4.5	1	380	4.6	65	Good	Good	Good	Good	B1	40+	Treelined road, tree within footpath with root heave across path, path surrounding tree up to stem. Canopy near to telephone wire.
T340	Small-leaved lime	Semi-mature	10	5	4	4	4	3N	4.5	4.5	4.5	4.5	1	370	4.4	62	Good	Good	Good	Good	B1	40+	Treelined road, tree within footpath with root heave across path, path surrounding tree up to stem. Canopy near to telephone wire and old nests in lower crown. Epicormic growth at base but not significant amounts.
T341	Small-leaved lime	Semi-mature	10	5	4	4	4	3S	4.5	4.5	4.5	4.5	1	420	5	80	Good	Good	Good	Good	B1	40+	Treelined road, tree within footpath with root heave across path, path surrounding tree up to stem.
T342	Small-leaved lime	Semi-mature	10	5	4	4	4	3N	4.5	4.5	4.5	4.5	1	380	4.6	65	Good	Good	Good	Good	B1	40+	Treelined road, tree within footpath with root heave across path, path surrounding tree up to stem.
T343	Small-leaved lime	Semi-mature	10	5	4	4	4	3N	4.5	4.5	4.5	4.5	1	390	4.7	69	Good	Good	Good	Good	B1	40+	Treelined road, tree within footpath with root heave across path, path surrounding tree up to stem.

Tree ref	Tree Type	Life Stage	Height (m)	Av Crown Spread (m)				Av Crown Height (m)					No of trees or stems	Stem Diameter (mm)	Root Protection Area (RPA)		Condition				BS5837 Category	Useful remaining contribution (years)	Comment
				N	E	S	W	1st branch (m)	N	E	S	W			RPA Radius (m)	RPA (m²)	Crown	Stem	Basal Area	General Physical			
T344	Small-leaved lime	Semi-mature	10	4	4	4	4	3N	4.5	4.5	4.5	4.5	1	360	4.3	59	Good	Good	Good	Good	B1	40+	Treelined road, tree within footpath with root heave across path, path surrounding tree up to stem.
T345	Small-leaved lime	Semi-mature	10	6	5	5	4.5	2S	4.5	4.5	4.5	4.5	1	430	5.2	84	Good	Good	Good	Good	B1	40+	Treelined road, tree within footpath with root heave across path, path surrounding tree up to stem. Telephone cable within crown.
T346	Wild cherry	Semi-mature	9	2	4	5	5	4E	4	4	4	4	1	350	4.2	55	Good	Fair	Good	Good	B1	20+	Asymmetric crown, heavily cut back where it overhangs fence to northerly aspect. Fence within 0.5m of stem and road within 1m. Roots girdled due to incorrect planting technique.
T347	Wild cherry	Semi-mature	9	2	2	2	2.5	1.5w	2.5	2.5	2.5	2.5	1	230	2.8	24	Good	Fair	Good	Good	B1	20+	Poor pruning leaving large wounds. Fence within 0.5m of stem and road within 1m. Roots girdled due to incorrect planting.
T348	Wild cherry	Semi-mature	9	2	2	2.5	2.5	3S	4	3	3	3	1	220	2.6	22	Good	Fair	Good	Good	B1	20+	Poor pruning leaving large wounds. Fence within 0.5m of stem and road within 1m. Roots girdled due to incorrect planting.
T349	Wild cherry	Semi-mature	9	2	2	2	2	3.5S	4	4	3	3	1	185	2.2	15	Good	Fair	Good	Good	B1	20+	Fence within 0.5m of stem and road within 1m. Roots girdled due to incorrect planting.
T350	Apple	Semi-mature	9	4	3.5	4	3.5	2W	1.5	1	1.5	1.5	1	340	4.1	52	Good	Good	Good	Good	B1	40+	On riverbank. Tensile roots towards east. Set back from footpath approximately 3m.
T351	Callery pear	Semi-mature	7	2	2	2	2	2S	2	2	2	2	1	140	1.7	9	Good	Good	Good	Good	C1	40+	Tree within planting around Premier Inn within planted boarder, set back approximately 1.5m from edge of footpath.
T352	Callery pear	Semi-mature	7	2	2	2	2	2S	2	2	2	2	1	140	1.7	9	Good	Good	Good	Good	C1	40+	Tree within planting around Premier Inn within planted boarder, set back approximately 1.5m from edge of footpath.
T353	Small-leaved lime	Semi-mature	8	4	4	4	4	2E	2	2	2	2	1	300	3.6	41	Good	Good	Obscured (misc.)	Good	B1	40+	Within garden; base obscured by hedge. Set back from edge of footpath by approximately 2m.
T354	Sycamore	Early Mature	14	4	5	4	5	2.5E	3	2	2	4	1	600	7.2	163	Good	Good	Good	Good	A1	40+	Previously pruned to west canopy on lower branches over garden. Set back from footpath approximately 2m. Adjacent to the garden fence and behind post and rail fencing.
T355	Pedunculate oak	Semi-mature	8	3.5	3.5	3.5	3.5	2N	2	2	2	2	1	200	2.4	18	Good	Good	Good	Good	B1	40+	Symmetrical crown spread and overall good form. Resides within a private garden. Branches overhang the footpath but do not reach the road.
T356	Silver birch	Semi-mature	8	1.5	1.5	1.5	1.5	2E	2	2	2	2	1	150	1.8	10	Good	Good	Good	Good	C1	40+	Located in the corner of the small parkland. Branch tips overhanging the footpath but do not reach the road.
T357	Sycamore	Semi-mature	11	4	3	3.5	3.5	1W	3.5	2	1	1	2	400/250	5.7	101	Obscured (Ivy)	Fair	Obscured (ivy)	Fair	C1	40+	Dense ivy obscuring the base and stem. Located 3.5m from the footpath on the north-eastern side of the tree.
T358	Pedunculate oak	Semi-mature	11	3	2	2	5	2N	3	3	3	3	1	350	4.2	55	Good	Good	Good	Good	B1	40+	Asymmetric crown due to its environment. Well established and in good physiological condition. Tree with the largest stem diameter within the group. Stem is approximately 4m from the footpath. A grass verge is between the footpath and the tree.

Tree ref	Tree Type	Life Stage	Height (m)	Av Crown Spread (m)				Av Crown Height (m)					No of trees or stems	Stem Diameter (mm)	Root Protection Area (RPA)		Condition				BS5837 Category	Useful remaining contribution (years)	Comment
				N	E	S	W	1st branch (m)	N	E	S	W			RPA Radius (m)	RPA (m²)	Crown	Stem	Basal Area	General Physical			
T359	Hawthorn	Mature	6.5	2.5	2.5	2.5	2.5	1E	1	1	1	1	3	200/ 200/ 200	4.2	54	Good	Good	Good	Good	B1	20+	Resides on the edge of the riverbank.
T360	Common ash	Semi-mature	9	3	3.5	3	3	3S	3	3	3.5	3	1	410	4.9	76	Good	Fair	Good	Good	C1	20+	Common ash residing within a hawthorn hedgerow delineating the field boundary.
T361	Sycamore	Early Mature	14	7	7	8	7	2W	3	3	3	3	4	600/ 550/ 470/ 650	13.7	591	Good	Good	Fair	Good	B1	40+	Large multi-stemmed tree on the southern side of the drainage channel, 1.5m from the storage sheds. Multi-stemmed from the base with occluded bark between the stems within the unions.
T362	Common ash	Semi-mature	8.5	3	3	3	3	1E	1	1	1	1	6	200 av.	5.9	109	Fair	Fair	Fair	Fair	C2	20+	Unremarkable multi-stemmed tree located 1m south of the farm building.
T363	Crack willow	Mature	13	6	7	6	6	3S	2	2	2	2	5	400/ 500/ 380/ 350/ 300	10.5	347	Fair	Good	Fair	Fair	B2	20+	Tree residing on the northern side of the drainage channel which separates this tree from the existing track. The tree has suffered multiple limb breakages and a large split in the centre of one of the stems. The tips of the southern edge of the crown reach the existing track.
T364	Crack willow	Semi-mature	12	6	4	3	4	1W	2	3	3	3	1	480	5.8	104	Poor	Good	Fair	Good	B2	40+	Larger tree within the group of linear trees delineating the field boundary.
T365	Crack willow	Early Mature	15	6.5	7	6	6.5	3E	3.5	3	5	3	1	810	9.7	297	Fair	Good	Fair	Fair	B2	20+	Large limb breakages throughout the crown. Deadwood throughout the crown. Decay present at 2m on the stem.
T366	Common ash	Early Mature	14	7	5	7	8	4.5S	6	4	6	6	1	800	9.6	290	Fair	Poor	Fair	Fair	B2	10+	Lapsed pollard form. Decay present throughout the upper stem. Woodpecker holes within the decayed area. Bat potential.
T367	Crack willow	Mature	11	9	9	8	7	2S	1	2	1	0.5	2	300/ 650	8.6	232	Fair	Fair	Fair	Fair	B1	20+	On the embankment of the drainage channel, set back from track by approximately 6m. Tensile roots south due to drainage channel to the north.
T368	Crack willow	Mature	10	3	3	5	7	0.25 W	3	3	1.5	1	1	450	5.4	92	Fair	Fair	Fair	Fair	B1	20+	Fallen tree on far side of ditch, main stem has a collapsed form - now horizontal to the west where the crown is almost reaching the track.
T369	Common ash	Early Mature	11	6	7	6	4	3.5N	2.5	2.5	3.5	3	1	530	6.4	127	Good	Good	Good	Good	B1	20+	On the edge of field boundary at top of the embankment.
T370	Common ash	Early Mature	11	4	3	4	4	3.5S	3	3	3	3	1	480	5.8	104	Good	Fair	Good	Fair	B1	20+	On the edge of the field boundary at top of embankment. Suppressed on the east by the neighbouring tree.
T371	Common ash	Semi-mature	9	1	2.5	3	3	2W	1	1	1	1	1	300	3.6	41	Poor	Poor	Poor	Dead	U	N/A	Dead common ash on the field boundary, slight lean away from field. Young hawthorn underneath.
T372	Common ash	Early Mature	10	5	5	4	2	2W	4	4	4	4	1	400	4.8	72	Good	Fair	Good	Fair	B1	20+	On the edge of field boundary at top of the embankment. Previous co-dominant stem removed, resulting in lower growth below main canopy.
T373	Common ash	Early Mature	11	5.5	6	4.5	5	3S	3	5	4	5	1	400	4.8	72	Good	Fair	Good	Fair	B1	20+	Split branch in the canopy on the northern side.

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				N	E	S	W	1st branch (m)	N	E	S	W			RPA Radius (m)	RPA (m²)	Crown	Stem	Basal Area	General Physical			
T374	Common ash	Semi-mature	9	4.5	4.5	4.5	4.5	3.5N	3	3	3	3	1	480	5.8	104	Good	Good	Good	Good	B2	20+	Located in the middle of an arable field. Symmetrical form and good condition.
T375	Common holly	Semi-mature	3	2	2	2	2	2N	2	2	2	2	1	180	2.2	15	Good	Good	Obscured (misc.)	Good	C1	40+	Within the private property.
T376	Sycamore	Early Mature	9	3	4	3	4	2.5N	3	3	3	3	1	395	4.7	71	Good	Good	Good	Good	B1	40+	Within the grass verge, set back from footpath by approximately 2.5m; in front of the boundary hedge between the houses behind. Some screening provided in combination with the hedgerow.
T377	Sycamore	Early Mature	9	5	5	3	4	2W	4.5	3	2.5	4	1	490	5.9	109	Good	Good	Good	Good	B1	40+	Within the grass verge, set back from footpath by approximately 2.5m; in front of the boundary hedge between the houses behind. Some screening provided in combination with the hedgerow. Road beneath the canopy on the northern side - good clearance.
T378	Sycamore	Early Mature	9	4	4	2	4	2W	3.5	2.5	3	3.5	1	460	5.5	96	Good	Good	Good	Good	B1	40+	Within the grass verge, set back from footpath by approximately 2.5m; in front of the boundary hedge between the houses behind. Some screening provided in combination with the hedgerow. The footpath is below the northern canopy.
T379	Sycamore	Early Mature	9	4	4	4	4	2S	4.5	3.5	3	3.5	1	500	6	113	Good	Fair	Obscured (Ivy)	Fair	B1	40+	Within the grass verge, set back from footpath by approximately 2.5m; in front of the boundary hedge between the houses behind. Some screening provided in combination with the hedgerow. Some minor deadwood in eastern section of the canopy. Diameter estimated due to ivy cover.
T380	Hawthorn	Semi-mature	3.5	1.5	1	1.5	1.5	2W	1.5	1.5	1.5	1.5	1	180	2.2	15	Fair	Fair	Fair	Fair	C1	20+	Last tree within the dividing hedgerow between property driveways; set back from the path by approximately 3m.
T381	Common lime	Semi-mature	6	1.5	2	1.5	1.5	1.5W	0.25	2	1.5	1.5	1	150	1.8	10	Good	Fair	Good	Good	C1	40+	Canopy to the east is touching the adjacent building. Behind fence line. Incorrect planting technique has result in girdled roots.
T382	Common lime	Semi-mature	6	2	2	2	2	2S	0.25	2	1.5	1.5	1	150	1.8	10	Good	Fair	Good	Good	C1	40+	Canopy to the east is touching the adjacent building. Behind fence line. Incorrect planting technique has result in girdled roots.
T383	Lilac	Semi-mature	4	2	2	3	2	2S	3	2.5	2	2	1	100	1.2	5	Obscured (misc.)	Good	Obscured (misc.)	Fair	C1	20+	Behind a garden wall which is obscuring the base and stem of the tree - values estimated. Crown overhanging the footpath to south.
T384	Common lime	Semi-mature	7	2.5	2	2	2.5	2N	1	1.5	1	1.5	1	180	2.2	15	Fair	Good	Fair	Fair	C1	40+	Roots exposed and visible mower damage behind the fence. 1m from the fence.
T385	Common lime	Semi-mature	7	2	2	2	2	2.5E	1	1.5	1.5	1.5	1	150	1.8	10	Fair	Good	Fair	Fair	C1	40+	Within the mown grass area, behind the fence. 1.5m from the fence.
T386	Eucalyptus	Semi-mature	6	2.5	3	1.5	2.5	2W	2	2	2	2	1	170	2	13	Fair	Fair	Fair	Fair	C1	20+	Crowing is adjacent a 2m high fence. Growing through the fence.

Tree ref	Tree Type	Life Stage	Height (m)	Av Crown Spread (m)				Av Crown Height (m)					No of trees or stems	Stem Diameter (mm)	Root Protection Area (RPA)		Condition				BS5837 Category	Useful remaining contribution (years)	Comment
				N	E	S	W	1st branch (m)	N	E	S	W			RPA Radius (m)	RPA (m²)	Crown	Stem	Basal Area	General Physical			
T387	Eucalyptus	Semi-mature	6	2.5	3	1.5	2.5	2W	2	2	2	2	1	180	2.2	15	Fair	Fair	Fair	Fair	C1	20+	Crowing is adjacent a 2m high fence. Growing through the fence, which has caused some damage to the lateral limbs.
T388	Crack willow	Early Mature	9	5	4	6	7	1W	2	3	2	1	7	260 av.	8.3	214	Fair	Fair	Fair	Fair	C1	20+	Multi-stemmed and located on the river's edge, at bottom of embankment. Approximately 5m from footpath. Lower branches previously pruned back away from footpath.
T389	Crack willow	Semi-mature	9	4	6	6	6	1SW	1	2	1.5	1	4	250/ 250/ 360/ 380	7.6	181	Fair	Fair	Fair	Fair	C1	20+	Multi-stemmed and located on the river's edge, at bottom of embankment. Approximately 4m from footpath. Lower branches previously pruned back away from footpath and gateway.
T390	Common ash	Semi-mature	9	6	5	6	6	1.5S	3	4	4.5	3	4	310/ 410/ 165/ 300	7.4	173	Fair	Fair	Fair	Fair	B1	20+	Some minor deadwood in lower canopy. Dieback and epicormic growth on the lower stem.
T391	Sycamore	Semi-mature	8	4	3	3	4	2N	1.5	2	3	4	1	260	3.1	31	Good	Good	Good	Good	B1	40+	On the upper edge of the slop adjacent to the Public Right of Way (PRoW) gate.
T392	Cherry laurel	Young	2.5	1	1	1	1	0.25 N	0.25	0.25	0.25	0.25	3	50/ 50/ 50	1	3	Good	Good	Good	Good	C1	40+	Adjacent road is set back approximately 1m - Canopy to north is encroaching onto the access road.
T393	Wild cherry	Semi-mature	7	4	3	1	3	2N	2	2	3	2	1	180	2.2	15	Good	Fair	Good	Good	C1	20+	Asymmetric crown due to suppression by adjacent trees. Set back from the access road by 1m.
T394	Wild cherry	Semi-mature	7	4	3	2	3	2N	2	2.5	3	2.5	1	240	2.9	26	Good	Fair	Good	Good	C1	20+	Asymmetric crown due to suppression by adjacent trees. Set back from the access road by 3m.
T395	Sycamore	Semi-mature	9	4	1	1	4	2W	2	2	2	1.5	1	220	2.6	22	Good	Fair	Good	Good	C1	40+	Asymmetric crown due to suppression by adjacent trees. Set back from the access road by 3.5m.
T396	Norway maple	Semi-mature	9	2.5	3	4	3.5	3E	3.5	3	2	2.5	1	220	2.6	22	Good	Good	Good	Good	B1	40+	Set back from the access track approximately 4m on the edge of the planted tree plot towards the lawn area.
T397	Norway maple	Semi-mature	9	2.5	3	4	4	3W	3.5	2.5	2	2.5	1	300	3.6	41	Good	Good	Good	Good	B1	40+	Set back from the access track by approximately 7m. At the top of the embankment slope.
T398	Silver maple	Early Mature	15	5.5	4.5	3	4	3W	2.5	2	2	1.5	1	345	4.1	54	Good	Good	Good	Good	B1	20+	Set back from PRoW - 3m within mowed grass.
T399	Small-leaved lime	Semi-mature	8	3	3	3	3	2W	2	1	1	1	1	310	3.7	43	Good	Good	Good	Good	B1	40+	Approximately 4m from PRoW.
T400	Small-leaved lime	Semi-mature	8	3	3	4	3	2S	2	1.5	1.5	1.5	1	380	4.6	65	Good	Good	Good	Good	B1	40+	Approximately 4m from PRoW.
T401	Fastigiate hornbeam	Semi-mature	8	3	3	3	2	2N	1.5	1.5	1.5	1.5	2	180/ 200	3.2	33	Good	Good	Good	Good	B1	40+	Set back from PRoW by approximately 4m, and within the mowed grass area.
T402	Common ash	Semi-mature	9	2.5	2.5	2.5	2.5	3N	4	4	3	4	1	190	2.3	16	Fair	Fair	Fair	Fair	C1	20+	Located in the eastern corner of a private residential garden.
T403	Common holly	Semi-mature	7.5	2	2	2	2	0.5S	0.2	0.2	0.2	0.2	1	300	3.6	41	Fair	Obscured (ivy)	Fair	Fair	C1	20+	Dense ivy throughout the crown.

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				N	E	S	W	1st branch (m)	N	E	S	W			RPA Radius (m)	RPA (m²)	Crown	Stem	Basal Area	General Physical			
T404	Common lime	Early Mature	9	2	3	2	2	5E	5	5	5	5	1	490	5.9	109	Obscured (misc.)	Fair	Obscured (misc.)	Fair	B1	40+	Pollarded at 6.5m. Resides within a private garden behind a retaining wall.
T405	Common lime	Early Mature	9	2	3	2	2	5E	5	5	5	5	1	510	6.1	118	Obscured (misc.)	Fair	Obscured (misc.)	Fair	B1	40+	Pollarded at 6.5m. Resides within a private garden behind a retaining wall.
T406	Common lime	Early Mature	9	2	3	2	2	5E	5	5	5	5	1	490	5.9	109	Obscured (misc.)	Fair	Obscured (misc.)	Fair	B1	40+	Pollarded at 6.5m. Resides within a private garden behind a retaining wall.
T407	Sycamore	Semi-mature	6.5	2	2.5	2	2	4E	4	4	4	4	1	460	5.5	96	Poor	Poor	Fair	Decline	U	<10	Pollarding and lack of rooting area has impacted this tree's health, which has resulted in decay being present throughout the stem and crown. Fell.
T408	Pedunculate oak	Semi-mature	8.5	3.5	3.5	3	3.5	1.5N	2	2	2	2	1	260	3.1	31	Good	Good	Good	Good	B1	40+	Well-developed tree with a symmetrical form. Has the potential to develop into an excellent specimen.
T409	Weeping willow	Early Mature	8	4	3	5	4	2N	3	3	3	3	2	360/ 500	7.4	172	Obscured (misc.)	Fair	Obscured (misc.)	Fair	B1	20+	Resides within a private garden behind a 2m high fence - obscuring the base and lower stem. Heavily pruned in the past, resulting in an asymmetric crown formation. Base of the stem is 2.5m from the existing track
T410	Robinia	Semi-mature	8.5	3	2.5	3	2	3S	3	3	3	3	1	180	2.2	15	Good	Good	Good	Good	B1	40+	Resides within an elevated (0.5m) private garden behind a 2m high wall. Good overall condition and form.
T411	Crack willow	Early Mature	15	6	7	6	5	3N	5	4	4	5	6	500 av.	14.7	679	Fair	Good	Obscured (Ivy)	Good	B2	40+	Multi-stemmed from the base. Located on the boundary between the pasture and an access track.
T412	Blackthorn	Early Mature	4	2	3	2	1	1E	2	2	2	2	1	150	1.8	10	Fair	Good	Fair	Good	C1	20+	Stem of the tree has grown into the fencing and caused bleeding on the stem. Located on the western side of the field boundary.
T413	Common ash	Semi-mature	13	3	3	3.5	3	4N	4	4	4	4	1	300	3.6	41	Good	Good	Good	Good	B2	40+	Good condition. Located on the western edge of the field, approximately 2m from the fence line within neighbouring land.
T414	Goat willow	Semi-mature	5	2	4	3	2	2E	2	1	2	3	1	255	3.1	29	Good	Good	Good	Good	C2	40+	Located 1.5m outside the field within neighbouring land.
T415	Blackthorn	Early Mature	4	2	3	2	2	1N	2	1	2	2	6	60 av.	1.8	10	Fair	Good	Fair	Good	C1	20+	Located on the southern side and 1m from the field boundary fence.
T416	Crack willow	Over Mature	14	7	5	9	9	3N	2	2	2	2	1	850	10.2	327	Poor	Fair	Poor	Decline	B2	10+	Collapsed form. Multiple fractures, cracks, and breakages throughout the stem and crown. Exposed heartwood and decay present throughout. In significant decline because of age and management. However, the species of tree means this tree will likely persist and continues to survive for many years. Excellent ecological value.

Tree ref	Tree Type	Life Stage	Height (m)	Av Crown Spread (m)				Av Crown Height (m)					No of trees or stems	Stem Diameter (mm)	Root Protection Area (RPA)		Condition				BS5837 Category	Useful remaining contribution (years)	Comment
				N	E	S	W	1st branch (m)	N	E	S	W			RPA Radius (m)	RPA (m²)	Crown	Stem	Basal Area	General Physical			
T417	Crack willow	Over Mature	14	7	5	7	4	3N	2	2	2	2	1	850	10.2	327	Poor	Fair	Poor	Decline	B2	10+	Collapsed form. Multiple fractures, cracks, and breakages throughout the stem and crown. Exposed heartwood and decay present throughout. In significant decline because of age and management. However, the species of tree means this tree will likely persist and continues to survive for many years. Excellent ecological value.
T418	Crack willow	Over Mature	12	6	2	4	10	3N	5	2	5	2	1	850	10.2	327	Poor	Fair	Poor	Decline	B2	10+	Collapsed form. Heavily pruned away from the field. Multiple fractures, cracks, and breakages throughout the stem and crown. Exposed heartwood and decay present throughout. In significant decline because of age and management. However, the species of tree means this tree will likely persist and continues to survive for many years. Excellent ecological value.
T419	Crack willow	Semi-mature	13	8	5	3	2	3N	2	2	4	4	1	550	6.6	137	Fair	Fair	Fair	Fair	B2	20+	Heavily pruned and suffered multiple limb breakages due to collapse of a neighbouring tree. Located 1m from the field boundary fence.
T420	Crack willow	Semi-mature	7	3	3	2.5	2	1N	1	1	1	1	3	200/ 190/ 180	3.9	49	Fair	Fair	Fair	Fair	C2	20+	Located 1m north of the existing track.
T421	Common ash	Young	6	2	2	2	2	2W	2	2	2	2	1	200	2.4	18	Fair	Fair	Fair	Fair	C2	20+	Located 1m north of the existing track.
T422	Common ash	Young	6	2	2	2	2	2N	2	2	2	2	1	200	2.4	18	Fair	Fair	Fair	Fair	C2	20+	Located 1m north of the existing track.
T423	Common ash	Young	5	1	2	1	1	1.5W	2	2	2	1	1	130	1.6	8	Fair	Fair	Fair	Fair	C2	20+	Located 2m north of the existing track.
T424	Common ash	Young	5	2	1	1	1	1E	2	2	2	1	1	110	1.3	5	Fair	Fair	Fair	Fair	C2	20+	Located 2m north of the existing track.
T425	Cherry laurel	Young	2.5	1	1	1	1	0.2N	0.2	0.2	0.2	0.2	2	70/ 60	1.1	4	Good	Good	Good	Good	C2	40+	Located approximately 1m north of the existing track.
T426	Lawson cypress	Semi-mature	12	3.5	3.5	3.5	3.5	1N	0.5	0.5	0.5	0.5	6	300 av.	8.8	244	Good	Good	Good	Good	B2	40+	A specimen of symmetrical form and in good physiological condition. Located 1m south of the existing track.
T427	Common horse chestnut	Semi-mature	8	3	3	3	3	2.5W	2	2	2	2	1	250	3	28	Good	Fair	Good	Poor	B2	20+	Located approximately 2m north of the existing track.
T428	Weeping willow	Young	4	2	2	2	2	1N	1	1	1	1	1	140	1.7	9	Good	Good	Good	Good	C2	40+	Slightly suppressed crown because of surrounding trees.
T429	Willow spp	Semi-mature	9	4	4	3.5	4	1N	0.5	0.5	0.5	0.5	2	300/ 250	4.7	69	Good	Good	Good	Good	B2	40+	Twisted willow. An excellent specimen. Interesting species and a great form and physiological condition.
T430	Common ash	Semi-mature	10	2	4	3	3	2E	4	2	2	2	1	320	3.8	46	Good	Fair	Good	Fair	B2	20+	Average specimen located 2m from the riverbank.

Tree ref	Tree Type	Life Stage	Height (m)	Av Crown Spread (m)				Av Crown Height (m)					No of trees or stems	Stem Diameter (mm)	Root Protection Area (RPA)		Condition				BS5837 Category	Useful remaining contribution (years)	Comment
				N	E	S	W	1st branch (m)	N	E	S	W			RPA Radius (m)	RPA (m²)	Crown	Stem	Basal Area	General Physical			
T431	Common horse chestnut	Young	4	1	1	2	1	2W	2	2	2	2	1	140	1.7	9	Good	Fair	Good	Fair	C2	40+	Growing beneath a semi-mature common ash and crack willow.
T432	Common ash	Young	4	1	1	2	1	2W	2	2	2	2	1	140	1.7	9	Good	Fair	Good	Fair	C2	20+	Growing beneath a semi-mature crack willow.
T433	Crack willow	Early Mature	12	6	6	3	3	2N	3	3	4	3	6	290 av.	8.5	228	Good	Good	Fair	Good	B2	40+	Growing from the side of the riverbank. Some minor branch snap-outs in the upper crown.
T434	Crack willow	Early Mature	14	6	6	6	5	3.5N	1	3	3	3	7	390 av.	12.4	482	Good	Good	Good	Good	B2	40+	Growing from the side of the riverbank. Well established multi-stemmed tree.
T435	Crack willow	Early Mature	14	6	4	6.5	5	3.5N	1	4	4	4	6	300 av.	8.8	244	Fair	Poor	Fair	Fair	B2	40+	Growing from the side of the riverbank. Crown development has been suppressed by neighbouring trees.
T436	Goat willow	Semi-mature	6.5	5	4	3	3	1N	1	2	3	3	3	140/ 150 / 230	3.7	43	Fair	Fair	Fair	Fair	C2	10+	Co-dominant stem has been removed and has reduced the form of the tree. Saprotrophic fungi also present on the stems.
T437	Goat willow	Semi-mature	6.5	2	3	5	2	2S	2	2	1	2	5	200/ 150/ 175/ 180/ 120	4.5	63	Fair	Fair	Fair	Fair	B2	20+	Multi-stemmed tree leaning heavily south. In good physiological condition.
T438	Pedunculate oak	Semi-mature	11	6.5	7.5	5	6	2W	1	1	1.5	0.5	1	600	7.2	163	Good	Good	Good	Good	B1	40+	Within grassed area amongst a small group, set back from the woodland group.
T439	Pedunculate oak	Semi-mature	10	6	4	4	6	2W	1.5	4	3	1	1	390	4.7	69	Good	Good	Good	Good	B1	40+	Within a grassed area amongst a small group, set back from woodland group. Slight suppression to canopy growth from neighbouring trees.
T440	Hawthorn	Semi-mature	5	4	3	2.5	2.5	2.5S	1.5	1.5	1.5	2	3	250/ 230/ 150	4.5	62	Good	Good	Good	Good	C1	40+	Within grassland set back from woodland. Canopy slightly suppressed by neighbouring tree.
T441	Common ash	Semi-mature	11	2	3	4	3.5	2.5S	4	4.5	1.5	2	1	335	4	51	Good	Fair	Good	Good	C1	20+	Within grass area but directly adjacent to arable field to the east. Roots to east likely compromised from ploughing.
T442	Common ash	Semi-mature	11	7	6	3	4	1.5S	2.5	3.5	4	2	4	220/ 320/ 270/ 290	6.7	139	Good	Fair	Good	Good	C1	20+	Within grass area but directly adjacent to arable field to the east, roots to east likely compromised from ploughing.
T443	Common ash	Semi-mature	11	5	5	4	5	3S	3.5	1.5	3.5	4	2	345/ 290	5.4	92	Good	Fair	Good	Good	C1	20+	Within grass area but directly adjacent to arable field to the east, roots to east likely compromised from ploughing.
T444	Pine spp.	Mature	19	4	3	4	4	4.5S	6	9	2.5	3	1	850	10.2	327	Good	Good	Good	Good	A1	40+	Black pine adjacent to the dich within the field margin. Set back from arable field by approximately 4m.
T445	Pine spp.	Mature	19	6.5	6.5	7	5	5S	6	6	2.5	10	1	1050	12.6	499	Good	Good	Good	Good	A1	40+	Black pine adjacent to the dich within the field margin. Set back from arable field by approximately 4m.
T446	Fir spp.	Young	2	1	1	1	1	0.25 N	0.25	0.25	0.25	0.25	1	50	0.6	1	Good	Good	Good	Good	C1	20+	Located at end of the hedgerow and on the boundary line.
T447	Pedunculate oak	Young	2.5	1	0.5	0.5	1	0.5N	0.5	1	1	0.5	1	75	0.9	3	Fair	Good	Good	Good	C1	40+	Some ivy cover on the stem. Within the boundary hedgerow.

Tree ref	Tree Type	Life Stage	Height (m)	Av Crown Spread (m)				Av Crown Height (m)					No of trees or stems	Stem Diameter (mm)	Root Protection Area (RPA)		Condition				BS5837 Category	Useful remaining contribution (years)	Comment
				N	E	S	W	1st branch (m)	N	E	S	W			RPA Radius (m)	RPA (m²)	Crown	Stem	Basal Area	General Physical			
T448	Pedunculate oak	Semi-mature	6	4	4	4	2.5	2S	2.5	3	2.5	2.5	4	160/ 400/ 490/ 180	8.1	207	Fair	Good	Good	Good	B1	40+	Adjacent field gate within the boundary. Some ivy cover on the stem, and minor deadwood on the lower canopy.
T449	Crack willow	Early Mature	5	4	4	3	4	0.5E	4	1	3	3	19	180 av.	9.4	279	Fair	Fair	Fair	Fair	B3	20+	Old pollard/collapsed form from approximately 1m; minor decay and cavities on the base providing ecological value.
T450	Common ash	Semi-mature	4	2.5	1	2.5	1	2.5E	3	3	3	3	2	180/ 180	3.1	29	Fair	Fair	Fair	Fair	C1	<10	Located on top of the ditch embankment closest to the access track. Pruned crown on the eastern adjacent to the access track. Some minor deadwood in the lower canopy.
T451	Common ash	Semi-mature	5	2.5	2.5	2.5	1.5	2.5N	2.5	3	2.5	2.5	2	180/ 150	2.8	25	Fair	Poor	Obscured (misc.)	Poor	U	<10	No access to the stem due to the hedge and ditch and base being obscured from view. On the top of the ditch embankment closest to the road. Tree is in decline likely due to ash dieback; upper canopy dead and minor deadwood present throughout.
T452	English elm	Semi-mature	4	3	0	0	0	2N	0	0	0	0	1	150	1.8	10	Poor	N/A	Poor	Dying	U	N/A	Main stem dead and leaning to the north. Some epicormic growth on the lower stem. Adjacent to the access track.
T453	Pedunculate oak	Semi-mature	7	5	7	6	5	2.5E	3	2	4	2	1	280	3.4	35	Good	Good	Good	Good	B1	40+	On the top of the ditch line, on the field side set back from the access road by approximately 20m.
T454	Crack willow	Semi-mature	8	3	3	3	3	1W	1	1	1	1	8	200 av.	6.8	145	Fair	Good	Fair	Good	C1	40+	Multi-stemmed tree growing out of the riverbank.
T455	Common beech	Semi-mature	8	2	3	2	3	3E	3	3	3	3	1	400	4.8	72	Good	Good	Good	Good	B1	40+	Located behind a fence within a private garden. Within a hedgerow delineating the property.
T456	Common beech	Semi-mature	8	2	3	2	3	3E	3	3	3	3	1	400	4.8	72	Good	Good	Good	Good	B1	40+	Located behind a fence within a private garden. Within a hedgerow delineating the property. V-shaped union between co-dominant stems at 1.7m.
T457	Common beech	Semi-mature	8	2	4	3	4.5	3E	3	3	3	3	1	400	4.8	72	Good	Good	Good	Good	B1	40+	Good overall form. Located behind a fence within a private garden. Within a hedgerow delineating the property.
T458	Common beech	Semi-mature	8	3	4	3	3	3E	3	3	3	3	1	420	5	80	Good	Good	Good	Good	B1	40+	Located behind a fence within a private garden. Within a hedgerow delineating the property.
T459	Rowan	Semi-mature	7	2	2	1	2	2E	3	3	3	2	1	150	1.8	10	Good	Fair	Fair	Fair	C1	40+	Located with a hedgerow delineating the property.
T460	Deodar cedar	Semi-mature	10	3	3	3	3	2N	2	2	2	2	1	390	4.7	69	Good	Good	Good	Good	B1	40+	Excellent form. A great example of its species. Located within a residential garden adjacent to the driveway.
T461	Crab apple	Early Mature	7	2	3	3	3	2W	3	3	3	3	1	300	3.6	41	Fair	Good	Fair	Good	B1	20+	Located next to the residential property.
T462	Pedunculate oak	Semi-mature	9	3	3	3	3	3N	3	3	3	3	1	350	4.2	55	Obscured (Ivy)	Fair	Obscured (Ivy)	Fair	C1	40+	Resides 1m from the existing drainage channel. Dense ivy cover obscuring the entire stem.
T463	Pedunculate oak	Semi-mature	9.5	4	4	5	4	2S	4	3	2	3	1	550	6.6	137	Obscured (Ivy)	Good	Obscured (Ivy)	Good	B1	40+	Resides 1.5m from the existing drainage channel. Dense ivy cover obscuring the entire stem.

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				N	E	S	W	1st branch (m)	N	E	S	W			RPA Radius (m)	RPA (m²)	Crown	Stem	Basal Area	General Physical			
T464	Pedunculate oak	Semi-mature	10	5	4	5	4	3N	3	3	3	3	1	700	8.4	222	Obscured (Ivy)	Good	Obscured (Ivy)	Good	B1	40+	Resides 1m east of the existing drainage channel. Dense ivy cover obscuring the entire stem. Stag-headed top 2m of the crown, likely a result of repeated root disturbance from arable land on eastern side.
T465	Pedunculate oak	Semi-mature	12	4	4	5	4	2N	2	2	2	2	1	630	7.6	180	Good	Good	Good	Good	B1	40+	Resides 1m west of the existing drainage channel. Good overall form well developed and a good example of its species.
T466	Wild cherry	Semi-mature	4	2	2	2	2	1E	1	1	2	1	1	200	2.4	18	Good	Good	Good	Good	C1	40+	Located 1m west of the drainage channel. A symmetrical crown spread.
T467	Sycamore	Young	4	2.5	2.5	2.5	2.5	2N	2	2	2	2	1	220	2.6	22	Fair	Good	Fair	Fair	C1	40+	Unremarkable tree located 1m from the drainage channel.
T468	Pedunculate oak	Semi-mature	7	3	4.5	4.5	2	2W	3	2	2	2	1	390	4.7	69	Good	Good	Good	Good	B1	40+	Well-developed tree residing 1m north of the drainage channel and 1.5m south of the access driveway and behind a 1m high metal fence. Open grown form with the potential to become a great tree.
T469	English elm	Semi-mature	10	3	3	3	4	2W	3	3	2	3	1	360	4.3	59	Poor	Poor	Poor	Decline	U	<10	Located within the drainage channel and within falling distance of the road. Large areas of deadwood throughout the crown. Tree is in decline and considering its location requires felling for safety reasons.
T470	Common ash	Young	8	3	3	1	2	3N	3	3	4	3	4	150/ 200/ 130/ 120	3.7	42	Poor	Poor	Poor	Dead	U	N/A	Stems are regrowth from a previously felled tree. The regrowth has died and now remains standing deadwood. Considering the trees location, within falling distance of the road, this tree requires felling.
T471	Common ash	Young	10	3.5	3	2	4	3N	3	3	3	3	2	250/ 210	3.9	48	Fair	Fair	Fair	Fair	U	<10	Co-dominant stems form at 0.5m. Exposed roots and stem protruding from the edge of the drainage channel. The stems have conjoined at 1.5m and formed a natural brace.
T472	Common ash	Young	6.5	4	2	1	2.5	2N	2	3	4	2	2	150/ 400	5.1	82	Poor	Poor	Poor	Decline	U	N/A	Base of the tree has significant decay and considering the trees location it requires felling for safety reasons.
T473	Common ash	Young	5	1	1	1	1	1N	1	1	1	1	1	100	1.2	5	Poor	Poor	Poor	Dead	U	N/A	Standing dead tree. Requires felling to avoid falling into the road.
T474	Common ash	Young	5	1	1	1	1	1N	1	1	1	1	1	100	1.2	5	Poor	Poor	Poor	Dead	U	N/A	Standing dead tree. Requires felling to avoid falling into the road.
T475	Pedunculate oak	Mature	18	7	8	10	9	3E	3	3	4	4	1	1200	14.4	652	Good	Good	Good	Good	A1	40+	An exceptional tree. An excellent example of its species. Visible from the road. Resides on the eastern side of the drainage channel.
T476	Common horse chestnut	Mature	17	7	7	8	7	3.5N	3	5	4	4	1	1250	15	707	Fair	Good	Fair	Good	A2	40+	Large tree residing on the outer edge of the woodland. Deadwood and areas of decay present throughout the crown. Bat potential.
T477	Common horse chestnut	Mature	17	7	7	7	7	3.5N	3	3	3	4	1	1360	15	707	Good	Good	Good	Good	A2	40+	Large tree residing on the outer edge of the woodland. Great overall form. V-shaped union between the co-dominant stems at 3m.

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				N	E	S	W	1st branch (m)	N	E	S	W			RPA Radius (m)	RPA (m²)	Crown	Stem	Basal Area	General Physical			
T478	Common horse chestnut	Mature	17	7	5	6	4.5	3.5S	3	3	3	4	1	1000	12	452	Fair	Good	Fair	Good	A2	40+	Large tree residing on the outer edge of the woodland. V-shaped union between co-dominant stems that form at 2.5m.
T479	Common horse chestnut	Mature	17	7	6	5	5	3E	3	3	3	4	1	1010	12.1	462	Good	Good	Good	Good	A2	40+	Large tree residing on the outer edge of the woodland. Limb breakages on the lower crown.
T480	Common horse chestnut	Mature	17	9	8	8	9	3.5N	3	3	3	4	1	1450	15	707	Good	Good	Good	Good	A2	40+	Large tree residing on the outer edge of the woodland. Deadwood, cavities, and areas of decay present throughout the crown. Bat potential.
T481	Wild cherry	Semi-mature	6	2	2	2	2	2.5S	2	2	2	2	1	300	3.6	41	Fair	Fair	Fair	Fair	C1	20+	Resides below the canopy of a large horse chestnut. Decay present within the stem at 2m.
T482	Black poplar	Mature	16	6	7	7	9	3W	4	3	4	4	1	890	10.7	358	Fair	Good	Poor	Fair	B2	20+	Large limb breakage at 2.5m on the southern side of the stem, Resides 1.5m from the drainage channel.
T483	Crack willow	Mature	15	6	5	8	4	1N	3	2	4	4	1	860	10.3	335	Fair	Fair	Fair	Fair	B2	20+	Resides on the edge of the drainage channel, large cavity at the base of the stem. Significant decay throughout the stem. Limb breakage at 3m.
T484	Common ash	Early Mature	16	5	6	3	3	3S	4	5	3	3	1	620	7.4	174	Fair	Fair	Fair	Fair	B2	10+	V-shaped union at 3m between co-dominant stems has significant decay and bleeding present. Included bark directly above the union. Evidence of decay present in the form of woodpecker holes higher up the stem. Bat potential. Resides 1.5m from the drainage channel. A good chance of stem failure in the near future. Targets surrounding the tree are few.
T485	Black pine	Early Mature	12	5	7	5	5	3S	1.5	1.5	1.5	1.5	1	855	10.3	331	Good	Good	Good	Good	B2	40+	A well-established tree situated within an agricultural field. Good overall form and condition.
T486	Sequoiadendron giganteum	Early Mature	17	4	4	4	4	3W	1	1	1	1	1	1560	15	707	Good	Good	Good	Good	A1	40+	Exceptional tree. Three trees planted beside each other and create an excellent amenity feature. Good condition and form.
T487	Sequoiadendron giganteum	Early Mature	17	4	4	4	4	3W	1	1	1	1	1	1800	15	707	Good	Good	Good	Good	A1	40+	Exceptional tree exposed buttress roots on the southern side. Three trees planted beside each other and create an excellent amenity feature. Good condition and form.
T488	Sequoiadendron giganteum	Early Mature	17	4	4	4	4	3W	1	1	1	1	1	1550	15	707	Good	Good	Good	Good	A1	40+	Exceptional tree. Three trees planted beside each other and create an excellent amenity feature. Good condition and form.
T489	Pedunculate oak	Mature	15	7	8	9	7	3S	3	2	2	2	1	1210	14.5	662	Good	Good	Good	Good	A1	40+	Well established tree in the north-western corner of the arable land.
T490	Pedunculate oak	Early Mature	12	6	5	5	5	3S	3	2	2	2	1	1000	12	452	Good	Good	Good	Good	A1	40+	Minor dieback throughout the crown likely due to repeated root disturbance.
T491	Sycamore	Mature	14	8	8	6	6	2.5W	2	2	2	2	1	900	10.8	366	Fair	Fair	Fair	Fair	B1	40+	2m from the field boundary. Cavity from base to 2m on the southern side of the stem.
T492	Sycamore	Early Mature	9	5	4	5	4	2S	3	2	2	2	1	630	7.6	180	Poor	Poor	Fair	Decline	B1	20+	Upper crown has snapped out. The tree is in decline, however, is providing ecological value.

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				N	E	S	W	1st branch (m)	N	E	S	W			RPA Radius (m)	RPA (m²)	Crown	Stem	Basal Area	General Physical			
W493	Mixed species	Early Mature	15	3	3	3	3	2N	2	2	2	2	300	350	4.2	55	Good	Good	Good	Good	B2	40+	Mixed species woodland constituted by a variety of ages from young to early-mature. Species constitution includes common ash. pedunculate oak, English yew and sycamore. Appears that several of the common ash are infected with a bacterial canker causing physiological and structural decline.
T494	Sycamore	Semi-mature	10	4	4	5	4	4N	4	4	4	4	2	300/ 300	5.1	81	Fair	Good	Fair	Good	C1	40+	Located within a hawthorn group. Co-dominant stems form at the base. V-shaped union between the co-dominant stems.
T495	Sycamore	Semi-mature	10	3	4	4	4	4N	4	4	4	4	1	350	4.2	55	Good	Good	Good	Good	C1	40+	Located within a hawthorn group.
W496	Mixed broadleaved	Early Mature	15	6	5	5	5	5N	4	5	5	4	200	450	4.8	72	Good	Fair	Fair	Good	B2	40+	Majority common ash, with pedunculate oak, poplar and an understory of hawthorn. Watercourse to north-east of woodland plot separating woodland from adjacent field.
T497	Lombardy poplar	Early Mature	17	2	2	1	1	5E	5	5	5	5	1	510	6.1	118	Fair	Fair	Fair	Fair	B1	20+	Located on the north-eastern side of the drainage channel.
T498	Lombardy poplar	Early Mature	17	2	2	2	2	5S	5	5	5	5	1	550	6.6	137	Fair	Fair	Fair	Fair	B1	20+	Located on the north-eastern side of the drainage channel.
T499	Lombardy poplar	Early Mature	17	2	2	2	2	5S	5	5	5	5	1	600	7.2	163	Fair	Fair	Fair	Fair	B1	20+	Located on the north-eastern side of the drainage channel.
T500	Pedunculate oak	Semi-mature	11	4	3.5	3.5	3	3N	3	3	2	2	1	370	4.4	62	Good	Good	Good	Good	B1	40+	Well established tree located at the bottom of the bank sloping away from the road towards the drainage channel.
T501	Pedunculate oak	Semi-mature	11	5	4	5	5	2S	3	3	2	2	1	450	5.4	92	Good	Good	Good	Good	B1	40+	Well established tree with a symmetrical crown spread. Located at the bottom of the bank sloping away from the road towards the drainage channel.
T502	Pedunculate oak	Semi-mature	12	5	4	5	5	2S	3	3	2	2	1	480	5.8	104	Good	Good	Good	Good	B1	40+	Well established tree. Located midway up the bank sloping away from the road towards the drainage channel.
T503	Common ash	Semi-mature	9	3.5	3.5	4	4.5	1.5E	2.5	4	3	1	1	370	4.4	62	Poor	Fair	Fair	Fair	C1	10+	On the slope approximately 4m from the ditch. A large limb tear-out wound on the north of the stem, and with signs of old Inonotus brackets. Good Potential invertebrate for habitat.
T504	Sycamore	Early Mature	14	4	4	3	4	1.5N	4.5	4	5	4	1	500	6	113	Good	Good	Fair	Fair	B1	20+	Base obscured but potentially some decay to west of base. Adjacent to the fence line and to the railway at bottom of the steep embankment. Unable to access - estimated dimensions.
T505	Apple	Mature	5	5	1.5	5	2	0.5S	1	2	0.5	3.5	3	330/ 250/ 100	5.1	82	Good	Fair	Good	Fair	C1	20+	Severe crown lifting to the west side of canopy adjacent to the track. Set back from the road barrier by approximately 4m.
T506	Hawthorn	Semi-mature	4	2	2	2	2	0.5S	1	0.5	0.5	0.5	3	100/ 120/ 120	2.4	18	Good	Good	Good	Good	C1	40+	Set back from barrier by approximately 3m.

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				N	E	S	W	1st branch (m)	N	E	S	W			RPA Radius (m)	RPA (m²)	Crown	Stem	Basal Area	General Physical			
T507	Pedunculate oak	Semi-mature	8	5	5	5.5	4	0.5S	3	0.5	0.5	3.5	1	510	6.1	118	Good	Good	Good	Good	B1	40+	Approximately 8m from the barrier.
T508	Common ash	Semi-mature	11	2	3	4.5	3	3S	4	3	3	3	1	330	4	49	Fair	Fair	Fair	Fair	C1	20+	Suppressed crown development on the northern side due to neighbouring tree. Estimated dimensions due to restricted access.
T509	Sycamore	Semi-mature	12	2	3.5	3.5	2	1E	1	1	1	1	1	200	2.4	18	Good	Good	Fair	Good	B1	40+	Stem which forms a single crown form with the adjacent tree. Located on the south-western side of the drainage channel.
T510	Sycamore	Semi-mature	12	3.5	3.5	3.5	4	2N	1	1	1	1	4	240/ 200/ 270/ 270	5.9	110	Obscured (Ivy)	Good	Fair	Good	B1	40+	Stem which forms a single crown form with the adjacent tree. Located on the south-western side of the drainage channel.
T511	Sycamore	Semi-mature	8.5	3	3	3	3	0.5N	0.5	0.5	1	1	2	400/ 300	6	113	Fair	Good	Obscured (Ivy)	Fair	C1	40+	Squat form. Located approximately 4m from the road.
G512	Common ash	Semi-mature	12	3	3	3	3	2N	2	2	2	2	6	200	5.9	109	Fair	Fair	Fair	Fair	C1	20+	Group of young to semi-mature common ash located adjacent to the road.
T513	Common ash	Semi-mature	14	4	5	4	4	1S	1	1	3	1	9	300 av.	10.8	366	Poor	Fair	Fair	Fair	C1	20+	Multiple stems have visible heartwood decay which is partially occluded. Although the stems appearance is less encouraging the physiological condition of the tree appears reasonable. Monitor this tree regularly to ensure safe to remain.
G514	Aspen	Young	4	2	2	2	2	2S		0.25	0.25	0.25	38	100	1.2	5	Fair	Fair	Obscured (misc.)	Fair	C1	20+	Mix of common ash showing signs of dieback and other species include blackthorn, sycamore, common holly, goat willow, hawthorn, elder, dogwood, silver birch, bramble, and dog rose.
G515	Mixed broadleaved	Semi-mature	11	3	3	3	2	2N	2	2	2	2	3	220	2.6	22	Good	Good	Obscured (misc.)	Good	B1	40+	Off-site trees located behind a fence; 2 x birch 1 x small leaved lime within a housing estate.
G516	Mixed broadleaved	Young	4	2	2	2	2	1.5W	0.25	0.25	0.25	0.25	20	100	1.2	5	Fair	Good	Fair	Fair	C1	40+	Horse chestnut, common ash, silver birch, buddleia, bramble, and elder forming a linear belt.
G517	Mixed broadleaved	Semi-mature	12	3	2.5	3	2.5	2W	2	2	2	2	4	150	1.8	10	Fair	Good	Obscured (misc.)	Good	B2	40+	The base and full stem are obscured by a fence. Within gardens adjacent.
G518	Mixed broadleaved	Semi-mature	9	2.5	2	3	3	2W	0.5	0.25	0.25	0.25	15	300	3.6	41	Obscured (Ivy)	Obscured (Ivy)	Obscured (Ivy)	Poor	C1	20+	Heavily covered in ivy obscuring majority of trees and crowns. Suspected that some dead trees are within the group. Understory of hawthorn and ivy. Species consist of common lime, common ash, silver birch, and sycamore.
G519	Mixed broadleaved	Semi-mature	9	3	3	3	3	3N	3	3	3	3	5	300	3.6	41	Fair	Fair	Fair	Fair	C1	20+	Two wild cherry, 1 sycamore, and 1 common ash.
G520	Hawthorn	Semi-mature	5	2	2	2	2	0.5N	0.5	0.5	0.5	0.5	5	100	1.2	5	Fair	Fair	Fair	Fair	C1	20+	Mixed species group parallel to the road, approximately 2m from the road. Five hawthorn.
G521	Mixed broadleaved	Semi-mature	4	2	2	2	2	0.5N	0.5	0.5	0.5	0.5	40	100	1.2	5	Fair	Fair	Fair	Fair	C1	20+	Surveyed from the road. Mixed species group constituted by hawthorn, elder, and buddleia.

Tree ref	Tree Type	Life Stage	Height (m)	Av Crown Spread (m)				Av Crown Height (m)					No of trees or stems	Stem Diameter (mm)	Root Protection Area (RPA)		Condition				BS5837 Category	Useful remaining contribution (years)	Comment
				N	E	S	W	1st branch (m)	N	E	S	W			RPA Radius (m)	RPA (m²)	Crown	Stem	Basal Area	General Physical			
G522	Hawthorn	Semi-mature	3.5	2	2	2	2	0.5N	0.5	0.5	0.5	0.5	20	150	1.8	10	Good	Good	Good	Good	C1	20+	Linear group acting as a separation between pasturelands.
G523	Mixed species	Early Mature	17	5	5	5	5	2S	2	2	2	2	35	550	6.6	137	Good	Good	Good	Good	B1	40+	Group of trees at the northern edge of the field boundary between the field and residential gardens.
G524	Mixed broadleaved	Semi-mature	9	3	2	2	2	0.5E	2	1.5	2	2	85+	180	2.2	15	Good	Good	Good	Good	B1	40+	Mix of pedunculate oak, field maple, wild cherry, sycamore, and hawthorn. Set back from footpath by approximately 4m.
G525	Crack willow	Young	4	0.5	0.5	0.5	0.5	1E	1	1	1	1	6	75	0.9	3	Fair	Fair	Fair	Fair	C1	40+	On the river embankment with an understory of bramble approximately 3m back from footpath.
G526	Mixed broadleaved	Semi-mature	4	1	1	1	1	1N	1	1	1	1	1	180	2.2	15	Fair	Fair	Good	Fair	C1	40+	Heavily pruned and pollarded linear group constituted by field maple, pedunculate oak, and hawthorn.
G527	Mixed broadleaved	Semi-mature	9	2	3	2	2	4E	4	4	4	4	6	150	1.8	10	Obscured (misc.)	Good	Obscured (misc.)	Good	C1	40+	Group of trees situated within a private garden behind a 2.5m high wall. Crown clearance of 4m.
G528	Silver birch	Semi-mature	15	3	3	3	3	3N	3	3	3	3	5	230	2.8	24	Good	Good	Good	Good	B1	40+	Group of silver birch residing beside the river and the river crossing. Provide good amenity value to the location.
G529	Mixed broadleaved	Semi-mature	10	3	3	3	3	2N	2.5	2	2	2	200+	250	3	28	Fair	Fair	Fair	Fair	B2	20+	Linear group delineating the field boundary and acting as a separation between the field and a drainage channel.
G530	Mixed broadleaved	Semi-mature	9	2.5	2.5	2.5	2.5	3N	1	1	1	1	150+	200	2.4	18	Good	Good	Good	Good	B2	40+	Linear group of trees on both banks of a dry drainage channel delineating the field boundary and acting as a separation barrier to the railway line. Species constitution includes crack willow, common ash, hawthorn, common alder.
G531	Mixed species	Semi-mature	8	2	2	2	2	1E	1	1	1	1	35	170	2	13	Fair	Fair	Fair	Fair	C1	20+	Group of trees on the western side of a 3m deep drainage channel running parallel to the private road. The channel depth would ensure no roots would be able to reach the eastern side of the drainage channel. Species constitution includes hawthorn, common ash, crack willow, sycamore, thuja, and Leyland cypress.
G532	Mixed broadleaved	Semi-mature	9	2	2	2	2	1N	1	1	1	1	50	170	2	13	Fair	Fair	Fair	Fair	C2	20+	Linear group delineating the field boundary and acting as a separation between a strip of wetland and the railway line. Species constitution includes goat willow, common ash, hawthorn, and crack willow.
G533	Crack willow	Semi-mature	11	3.5	3.5	3.5	3.5	1.5E	1.5	1.5	1.5	1.5	100+	400	4.8	72	Fair	Fair	Fair	Fair	B2	40+	Group of crack willow on residing on both sides of a drainage channel's bank. Green/blue wildlife corridor and ecological value.
G534	Mixed broadleaved	Early Mature	14	6	3.5	4	3.5	2N	3	3	3	3	150+	650	7.8	191	Fair	Fair	Fair	Fair	B1	20+	Canopy layer is mature crack willow with an understory of goat willow, field maple, and hawthorn. Wide drainage channel/wetland area. Fifty plus (50+) mature crack willow. Approximately 2m from the access track. Broken hanging branches and cracks within the mature trees.

Tree ref	Tree Type	Life Stage	Height (m)	Av Crown Spread (m)				Av Crown Height (m)					No of trees or stems	Stem Diameter (mm)	Root Protection Area (RPA)		Condition				BS5837 Category	Useful remaining contribution (years)	Comment
				N	E	S	W	1st branch (m)	N	E	S	W			RPA Radius (m)	RPA (m²)	Crown	Stem	Basal Area	General Physical			
G535	Goat willow	Young	4.5	2.5	2	2.5	2	1S	1	1	1	1	12	75	0.9	3	Good	Good	Good	Good	C1	40+	Growing on the far side of the ditch embankment.
W536	Mixed native	Semi-mature	18	3	3	3	3	7W	4	4	4	4	100	350	4.2	55	Good	Fair	Good	Good	B2	40+	Small woodland on the northern side of the water course. Species constitution mostly common ash and English yew.
G537	Mixed broadleaved	Semi-mature	7	3	3	4	2	1N	2	1	2	2	20	150	1.8	10	Good	Fair	Good	Good	C1	20+	Common ash canopy layer with an understory of hawthorn and wild cherry. On the river embankment approximately 1m from footpath.
G538	Western red cedar	Young	6	1	1	1	1	2S	2	2	2	2	5	90	1.1	4	Obscured (misc.)	Fair	Obscured (misc.)	Fair	C1	40+	Unremarkable trees situated behind a 2m high fence in an elevated private garden.
G539	Hawthorn	Semi-mature	3	1	1	1	1	1N	0.5	0.5	0.5	0.5	10	100	1.2	5	Fair	Fair	Fair	Fair	C2	20+	Group of hawthorn on the field boundary.
G540	Mixed broadleaved	Young	5	1.5	1.5	1.5	1.5	1S	1	1	1	1	30	120	1.4	7	Fair	Fair	Fair	Fair	C2	40+	Young group of trees and scrub between the field and the existing track. Species include goat willow, blackthorn, sycamore, common ash, hawthorn, and bramble.
G541	Mixed broadleaved	Semi-mature	7	3	3	3	3	2W	2	2	2	1	5	300	3.6	41	Good	Good	Good	Good	B2	40+	Group constituted by 2 small-leaved lime, 1 Swedish whitebeam, and 2 crab apple.
G542	Mixed broadleaved	Early Mature	4	2	2	2	2	2N	1.5	1.5	1.5	1.5	9	140	1.7	9	Good	Good	Good	Good	B2	20+	Group of mixed semi-mature to early mature prunus species.
G543	Crack willow	Early Mature	14	7	5	5	5	2N	2	2	3	2	8	500	6	113	Good	Good	Good	Good	B2	40+	Early mature crack willow along the riverbank. Excellent trees with good ecological and amenity value.
G544	Crack willow	Semi-mature	8	3	3	3	3	2.5N	1	2	1	2	15	250	3	28	Fair	Fair	Fair	Fair	C1	20+	Mostly multi-stemmed trees. Adjacent to the arable field. Inaccessible as under flood water. Young understory of crack willow, but mostly semi-mature trees.
G545	Mixed broadleaved	Young	3	2	2	2	2	1W	0.5	0.5	0.5	0.5	50	75	0.9	3	Fair	Fair	Fair	Fair	C1	40+	Young scrub habitat on the river embankment; mix of crack willow, goat willow, and common ash.
G546	Mixed broadleaved	Young	4	1	1	1	1	1W	0.5	0.5	0.5	0.5	45	190	2.3	16	Fair	Fair	Fair	Fair	C1	20+	Mix of English elm, wild cherry, and common ash. Within a drainage channel between the field and the road. Some English elm within the group is beginning to decline.
G547	Mixed broadleaved	Young	2.5	0.5	0.5	0.5	0.5	0.2S	0.25	0.25	0.25	0.25	7	50	0.6	1	Fair	Fair	Fair	Fair	C1	20+	On the field side of ditch. A group of blackthorn and hawthorn.
G548	Mixed broadleaved	Semi-mature	10	3	3	3	3	2S	3	2	3	3	65	220	2.6	22	Good	Good	Fair	Good	B1	20+	Predominantly English elm, with the occasional common ash. Screening function to the road. Located both sides of the drainage ditch but predominantly on the access track side.
G549	Mixed native	Early Mature	9	3	3	3	3	1S	1	1	1	1	70+	300	3.6	41	Good	Good	Good	Good	A1	40+	Mixed species group within a private estate, resides behind a 6ft drainage channel. Species constitution is apple, common beech, pedunculate oak, sycamore, common yew, thuja, common laurel, common hawthorn, wild cherry, silver birch, and Lombardy poplar.

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				N	E	S	W	1st branch (m)	N	E	S	W			RPA Radius (m)	RPA (m²)	Crown	Stem	Basal Area	General Physical			
G550	Crack willow	Semi-mature	8	2	2	2	2	1W	1	1	1	1	35	200	2.4	18	Good	Good	Good	Good	B2	40+	Inaccessible due to flooding, surveyed from the adjacent field. Group of crack willows of varying ages and conditions. Located on the riverbank and within a floodplain.
G551	Crack willow	Semi-mature	9	2	2	2	2	1W	1	1	1	1	40	200	2.4	18	Good	Good	Good	Good	B2	40+	Inaccessible due to flooding, surveyed from the adjacent field. Group of crack willows of varying ages and conditions. Located on the riverbank and within a floodplain.
G552	Crack willow	Early Mature	10	3	3	3	3	1W	1	1	1	1	100 +	200	2.4	18	Good	Good	Good	Good	B2	40+	Inaccessible due to flooding, surveyed from the adjacent field. Group of crack willows of varying ages and conditions. Located on the riverbank and within a floodplain.
G553	Crack willow	Semi-mature	9	2	2	2	2	1W	1	1	1	1	100 +	200	2.4	18	Good	Good	Good	Good	B2	40+	Inaccessible due to flooding, surveyed from the adjacent field. Group of crack willows of varying ages and conditions. Located on the riverbank and within a floodplain.
G554	Crack willow	Semi-mature	9	2	2	2	2	1W	1	1	1	1	50	200	2.4	18	Good	Good	Good	Good	C1	40+	Inaccessible due to flooding, surveyed from the adjacent field. Group of crack willows of varying ages, mostly young scrub, and conditions. Located on the riverbank and within a floodplain.
G555	Blackthorn	Semi-mature	4	2	2	2	2	1N	1	1	1	1	20	100	1.2	5	Good	Good	Good	Good	C1	20+	Group of mostly blackthorn with the occasional English elm. Located beside the drainage channel.
G556	Mixed broadleaved	Young	5	1.5	1.5	1.5	1.5	0.5E	0.5	0.5	0.5	0.5	30	120	1.4	7	Fair	Fair	Fair	Fair	C1	20+	Mixed species group largely constituted by elm, and the occasional common ash, field maple, and common hawthorn.
G557	Mixed broadleaved	Semi-mature	5	2	2	2	2	1E	1	1	1	1	30	150	1.8	10	Fair	Fair	Fair	Fair	C1	20+	Linear group of trees adjacent to the drainage channel. Most of the stems reside on the eastern side of the drainage channel. Young to semi-mature. Species constitution includes sycamore, common ash, hawthorn, pedunculate oak, and English elm.
G558	Mixed species	Semi-mature	10	3	3	3	3	1S	1	1	1	1	35	400	4.8	72	Good	Good	Good	Good	A2	40+	Group of trees on which merges into the woodland. Constituted by various amenity cultivar varieties and various species, including yew, eucalyptus, fir, pine, walnut, and spruce.
G559	Mixed broadleaved	Semi-mature	13	2	2	2	2	3S	3	3	3	3	19	300	3.6	41	Good	Good	Good	Good	B2	40+	Mixed species group constituted by silver birch, Norway maple, and black poplar.
G560	Mixed broadleaved	Semi-mature	13	5	4	4	4	3N	2	2	2	2	5	400	4.8	72	Good	Good	Good	Good	B2	40+	Mixed species group residing adjacent to the access track in the centre of the agricultural fields. Four common lime and 1 pedunculate oak.
G561	Hawthorn	Semi-mature	3	2	2	2	2	1N	1	1	1	1	20	150	1.8	10	Good	Good	Good	Good	C1	20+	Hawthorn group on the field boundary.

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				N	E	S	W	1st branch (m)	N	E	S	W			RPA Radius (m)	RPA (m²)	Crown	Stem	Basal Area	General Physical			
G562	Mixed species	Semi-mature	9	2	2	2	2	2S	2	2	2	2	200 +	300	3.6	41	Good	Good	Good	Good	B1	40+	Mixed species group parallel to the A1. Larger trees are generally further down the bank sloping away from the road towards a drainage channel. Species constitution includes hawthorn, common ash, wild cherry, blackthorn, mountain pine, field maple, and sycamore.
G563	Mixed broadleaved	Young	7	1.5	1.5	1.5	1.5	0.5N	0.5	0.5	0.5	0.5	50	100	1.2	5	Good	Fair	Good	Fair	C1	40+	Mixed species group constituted by young hawthorn, pedunculate oak, sycamore, blackthorn, and common ash.
G564	English elm	Young	5	2	2	2	2	0.5W	1	2	1	2	50	100	1.2	5	Fair	Fair	Fair	Fair	C1	20+	Group of English elm approximately 2m from the verge edge. Some previous pruning back from the carriageway to west of the group.
G565	Mixed broadleaved	Semi-mature	7	3	3	3	3	1.5N	2	3	1.5	1.5	120 +	400	4.8	72	Obscured (ivy)	Fair	Fair	Good	C1	20+	Predominantly sycamore with an understory of hawthorn and blackthorn. Situated on the slope toward the ditch and boundary. The larger sycamore is mostly to the east of the group. Twenty stems of sycamore and 100+ hawthorn/blackthorn.
G566	Sycamore	Semi-mature	10	2	2	2	2	2 W	3	4	4	2	16	400	4.8	72	Obscured (ivy)	Poor	Obscured (ivy)	Fair	C1	20+	Minor deadwood present in crown. Situated on the ditch embankment.
G567	Mixed broadleaved	Young	4	1.5	1.5	1.5	1.5	1.5S	2	1	1	1.5	50	120	1.4	7	Fair	Fair	Fair	Fair	C1	20+	Field maple, hawthorn, English elm, and blackthorn on the slope adjacent to the carriageway.
G568	Mixed broadleaved	Young	5	2	3	2.5	3	1S	1.5	2	1.5	1	50	120	1.4	7	Fair	Fair	Fair	Fair	C1	20+	An understory of self-set common ash, hawthorn, and 1x young pedunculate oak set back from the barrier approximately 3m down the slope toward the boundary.
G569	Mixed broadleaved	Young	4	1	1	1	1	1.5W	2	2	2	2	100 +	75	0.9	3	Fair	Fair	Fair	Fair	C1	20+	Predominantly self-set common ash and hawthorn with the occasional sycamore, goat willow, and field maple. Set back from the barrier by approximately 3m.
G570	Mixed broadleaved	Young	4	1.5	1.5	1.5	1.5	0.5N	0.5	0.5	0.5	0.5	25	100	1.2	5	Fair	Fair	Fair	Fair	C1	40+	Wild cherry, common ash, blackthorn, pedunculate oak, and sycamore with an understory of hawthorn. Situated on the slope approximately 2-3m from the barrier.
G571	Sycamore	Semi-mature	11	3	3	3	3	2N	2	2	2	2	11	350	4.2	55	Fair	Good	Fair	Fair	B1	40+	Group of trees on the south-western side of the drainage channel.
G572	Hawthorn	Semi-mature	3	1.5	1.5	1.5	1.5	1N	1	1	1	1	35	100	1.2	5	Fair	Fair	Fair	Fair	C1	20+	Located on the southern side of the drainage channel.
G573	Mixed broadleaved	Semi-mature	13	4	4	4	4	2N	2	2	2	2	75+	400	4.8	72	Good	Good	Good	Good	B1	40+	Well established trees and a good overall condition. Species constitution includes pedunculate oak, hawthorn, and common ash.
G574	Mixed broadleaved	Young	4	1	1	1	1	1N	1	1	1	1	50	75	0.9	3	Fair	Fair	Fair	Fair	C1	20+	Group parallel to the road. Mostly constituted by young common ash and the occasional hawthorn and sycamore.
G575	Hawthorn	Semi-mature	4	2	2	2	2	1N	0.5	0.5	0.5	0.5	100 +	130	1.6	8	Good	Good	Good	Good	C1	20+	Group situated beside the road.

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				N	E	S	W	1st branch (m)	N	E	S	W			RPA Radius (m)	RPA (m²)	Crown	Stem	Basal Area	General Physical			
G576	Mixed broadleaved	Semi-mature	4	2	2	2	2	1N	0.5	0.5	0.5	0.5	100 +	130	1.6	8	Good	Good	Good	Good	C1	20+	Group situated beside the road. Hawthorn and goat willow.
H577	Mixed species	Semi-mature	3.5	1.5	1	1.5	1	0.2S	0.2	0.2	0.2	0.2	30	100	1.2	5	Good	Fair	Good	Fair	C1	20+	Mixed species hedgerow mainly constituted by hawthorn, elder, and sycamore.
H578	Mixed broadleaved	Semi-mature	3	1.5	1	1	1	0.5S	0.5	0.5	0.5	0.5	18	75	0.9	3	Good	Good	Good	Good	C1	20+	Linear hedgerow delineating the field boundary. Species mix of hawthorn (12) and elder (6).
H579	Mixed broadleaved	Young	3	1.5	1	1	1	1.5 N	0.25	0.25	0.25	0.25	14	100	1.2	5	Fair	Fair	Fair	Fair	C1	20+	Hawthorn, elder, common holly, and dogwood surrounding a playing field. Some gaps within the group but does still provide screening to the building site.
H580	Mixed broadleaved	Semi-mature	3	1.5	1	1	1	1.5 N	0.25	0.25	0.25	0.25	17	100	1.2	5	Fair	Fair	Fair	Poor	C1	20+	Hawthorn, elder, common holly, and dogwood surrounding a playing field. Some gaps within the group but does still provide screening to the building site.
H581	Mixed broadleaved	Young	3	0.5	0.5	0.5	0.5	0.5 W	0.25	0.25	0.25	0.25	60+	100	1.2	5	Fair	Fair	Fair	Fair	C1	20+	A managed hedgerow acting as a field boundary; constituted predominantly by hawthorn with the occasional wild cherry, hazel, common holly, and elder.
H582	Mixed broadleaved	Young	3.5	0.5	0.5	0.5	0.5	0.5 W	0.25	0.25	0.25	0.25	40	100	1.2	5	Fair	Fair	Fair	Fair	C1	20+	A managed hedgerow acting as a field boundary; constituted predominantly by hawthorn with the occasional goat willow and elder.
H583	Hawthorn	Young	2	0.5	0.5	0.5	0.5	0.5 S	0.25	0.25	0.25	0.25	45	0.75	0	0	Fair	Fair	Fair	Fair	C1	20+	A linear managed hawthorn hedgerow delineating the field boundary.
H584	Hawthorn	Young	2	0.5	0.5	0.5	0.5	0.5 S	0.25	0.25	0.25	0.25	35	0.75	0	0	Fair	Fair	Fair	Fair	C1	20+	A linear managed hawthorn hedgerow delineating the field boundary.
H585	Portuguese laurel	Young	3	0.5	0.5	0.5	0.5	1.5 s	1.5	1.5	1.5	1.5	10	100	1.2	5	Good	Fair	Good	Good	C1	40+	A managed hedge alongside the brick wall boundary.
H586	Mixed broadleaved	Young	2	0.5	0.5	0.5	0.5	0.25 s	0.25	0.25	0.25	0.25	14	50	0.6	1	Good	Good	Good	Good	C1	40+	A managed boundary hedge consisting of mostly hawthorn and the occasional common holly and elder.
H587	Mixed broadleaved	Semi-mature	4	1.5	1	1.5	1	0.5N	0.5	0.5	0.5	0.5	60+	100	1.2	5	Fair	Fair	Fair	Fair	C1	20+	Linear hedgerow parallel to the road. Constituted by mostly hawthorn, and the occasional elder, common ash, common hazel, common holly, and European poplar.
H588	Privet	Early Mature	4	1	1	1	1	0.5S	0.2	0.2	0.2	0.2	100 +	75	0.9	3	Good	Good	Good	Good	B1	20+	Linear hedgerow parallel to the existing access track. The hedge's main function is screening from the residential properties on the northern side of the hedge. Approximately 0.75m of grass verge between the hedge and the track.
H589	Western red cedar	Semi-mature	3.5	1	1	1	1	0.5N	0.2	0.2	0.2	0.2	8	170	2	13	Good	Good	Good	Good	C2	40+	Hedgerow located on beside the driveway of the residence.
H590	Mixed broadleaved	Young	2	0.5	0.5	0.5	0.5	0.25 N	0.25	0.25	0.25	0.25	38	50	0.6	1	Fair	Fair	Fair	Fair	C1	20+	A managed boundary hedgerow of mostly hawthorn and the occasional elder. Dense Ivy throughout.

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				N	E	S	W	1st branch (m)	N	E	S	W			RPA Radius (m)	RPA (m²)	Crown	Stem	Basal Area	General Physical			
H591	Mixed broadleaved	Young	2	0.5	0.5	0.5	0.5	0.25 N	0.25	0.25	0.25	0.25	70+	50	0.6	1	Fair	Fair	Fair	Fair	C1	20+	A managed boundary hedgerow of mostly hawthorn and the occasional elder and pedunculate oak.
H592	Blackthorn	Young	2	0.5	0.5	0.5	0.5	0.25 W	0.25	0.25	0.25	0.25	10	50	0.6	1	Fair	Fair	Fair	Fair	C1	20+	Hedgerow parallel to the road and drainage channel.
H593	Mixed broadleaved	Young	3	0.5	0.5	0.5	0.5	0.25 W	0.25	0.25	0.25	0.25	10	20	0.2	0	Fair	Fair	Fair	Fair	C1	20+	Hedge adjacent to the access track and within the ditch line. Mixed species hedge, constituted by predominantly blackthorn, English elm, and hawthorn, and the occasional pedunculate oak and common ash.
H594	Common beech	Semi-mature	1.5	1	1	1	1	0.2E	0.2	0.2	0.2	0.2	25	100	1.2	5	Good	Good	Good	Good	B1	40+	Well established pruned hedgerow delineating the eastern side of the residential property.
H595	Hawthorn	Young	2	1	1	1	1	0.5N	0.2	0.2	0.2	0.2	70+	40	0.5	1	Good	Good	Good	Good	C1	40+	Young hedgerow delineating the northern side of the property.
H596	Hawthorn	Young	1.5	0.5	0.5	0.5	0.5	0.25 N	0.25	0.25	0.25	0.25	50+	75	0.9	3	Fair	Fair	Fair	Fair	C1	20+	A managed hedge on far side of the ditch on the boundary.
H597	Hawthorn	Young	1.5	0.5	0.5	0.5	0.5	0.25 N	0.25	0.25	0.25	0.25	100 +	75	0.9	3	Fair	Fair	Fair	Fair	C1	20+	A managed hedge on far side of the ditch on the boundary.
H598	Hawthorn	Young	4.5	0.5	0.5	0.5	0.5	0.25 N	0.25	0.25	0.25	0.25	100 +	75	0.9	3	Fair	Fair	Fair	Fair	C1	20+	A managed hedge on far side of the ditch on the boundary.
W599	Mixed broadleaved	Early Mature	18	5	5	5	5	3N	3	3	3	3	150	600	7.2	163	Fair	Fair	Fair	Fair	B2/3	20+	Predominantly common ash, of which a high proportion are significantly decayed and appears to show symptoms of bacterial canker, and resulted in infection with *Inonotus hispidus*, brackets of this fungus are present throughout. Other species present include pedunculate oak, common beech, hawthorn, and field maple. Many of the trees are in a state of decline. Appears to be a biotic or abiotic stress. Bat potential - considerable number of woodpecker holes and cavities present in many of the trees. The woodland would benefit from planting in the understory to eventually replace the canopy layer.
W600	Mixed species	Early Mature	13	3	3	3	3	2S	2	2	2	2	250	450	4.8	72	Good	Fair	Fair	Good	B2	40+	Woodland with a drainage channel running through the centre. Constituted by sycamore, common ash, Scots pine, common yew, and horse chestnut.
T601	Sycamore	Semi-mature	9	4	4.5	3	2	1S	1	3	1	1	1	300	3.6	41	Good	Fair	Good	Good	B1	40+	Approximately 4.5m from boundary hedge. A dead tree resides under the eastern side of the canopy. Deadwood in the upper section of the crown.
T602	English elm	Dead	6	2	1	2	0.5	2S	1	1	1	4	2	110/ 120	2	12	N/A	N/A	N/A	Dead	U	N/A	Dead tree under canopy of the neighbouring sycamore.
T603	Scots pine	Semi-mature	14	4	4	3	2.5	2S	10	1	1.5	2	1	380	4.6	65	Good	Fair	Good	Good	B1	20+	Set back from boundary hedge by approximately 2m.

Tree ref	Tree Type	Life Stage	Height (m)	Av Crown Spread (m)				Av Crown Height (m)					No of trees or stems	Stem Diameter (mm)	Root Protection Area (RPA)		Condition				BS5837 Category	Useful remaining contribution (years)	Comment
				N	E	S	W	1st branch (m)	N	E	S	W			RPA Radius (m)	RPA (m²)	Crown	Stem	Basal Area	General Physical			
T604	Common beech	Mature	16	7	9	9	6.5	2E	1	0.5	0.5	1	1	820	9.8	304	Good	Fair	Good	Fair	A2	40+	Large limbs snapped and hanging in canopy to south-west and east of the tree. Large tear-out wound on the southern stem at approximately 7m - creates a good ecological feature. Set back from pathway to the north by approximately 6.5m, and 9m from the hedgerow south.
T605	Cherry spp	Mature	16	8	5	4	6	2W	1.5	5.5	5	2	1	690	8.3	215	Good	Fair	Good	Good	A2	40+	Large, snapped hanging limb in the north-east of the canopy. Historic limb failure on northern branch. Roots across the footpath adjacent to the tree.
T606	Cherry spp	Semi-mature	14	3	3	3	3	1.5S	8	8	6	7	1	255	3.1	29	Fair	Fair	Good	Fair	B1	20+	Minor deadwood in the lower crown. Set back from footpath by approximately 2m.
T607	Cherry spp	Semi-mature	14	5	3	3	4	1.5N	2	5	4.5	4	1	390	4.7	69	Fair	Fair	Good	Fair	B1	20+	Minor deadwood in lower crown. Situated on the northern edge of the woodland.
T608	Cherry spp	Semi-mature	14	6	3	3	3	2N	2	7	6	4	1	315	3.8	45	Fair	Fair	Good	Fair	B1	20+	Canopy has an asymmetric form due to suppression from the neighbouring trees. Minor deadwood in lower crown. Situated on the northern edge of the woodland.
T609	Cherry spp	Semi-mature	14	5	3	3	3	1.5N	2	6	6	6	1	320	3.8	46	Fair	Fair	Good	Fair	B1	20+	Minor deadwood in lower crown. Situated on the northern edge of the woodland.
T610	Cherry spp	Semi-mature	14	7	4	4	4	2N	2	6	8	2	1	380	4.6	65	Fair	Fair	Good	Fair	B1	20+	Minor deadwood in lower crown. Situated on the northern edge of the woodland.
T611	Cherry spp	Semi-mature	14	6	0.5	4	3	1.5NE	1	5	6	6	1	250	3	28	Fair	Fair	Good	Fair	B1	20+	Canopy has an asymmetric form due to suppression from the neighbouring trees. Minor deadwood in lower crown. Situated on the northern edge of the woodland.
T612	Cherry spp	Semi-mature	14	7	1	3	3	8S	7	9	7	6	1	280	3.4	35	Fair	Fair	Good	Fair	B1	20+	Situated on the northern edge of the woodland. Canopy has an asymmetric form due to suppression from the neighbouring trees.
T613	Norway maple	Semi-mature	13	3	2	3	3	2W	10	10	6	6	1	300	3.6	41	Good	Good	Good	Good	B1	40+	Canopy has an asymmetric form due to suppression from the neighbouring trees. Minor deadwood in lower crown. Situated on the northern edge of the woodland.
T614	Sycamore	Veteran characteristics	18	10	12	13	8	1.75E	3	2.5	1.5	1.5	1	1250	15	707	Good	Good	Good	Good	A2	40+	Open-grown form. Multiple cavities in the limbs and branches; historic tear-out wounds to southern and western aspects of the crown. Good ecological features present throughout the structure.
T615	Common horse chestnut	Young	5	3.5	2	3	3.5	1.5E	1	1	1	1	3	190/125/140	3.2	32	Good	Good	Good	Good	B1	40+	Lining the access road; set back by approximately 3m.
T616	Common horse chestnut	Young	5	4	3	3	3	1N	1	1	1	1	1	205	2.5	19	Fair	Good	Good	Good	B1	40+	Lining the access road; set back by approximately 3m.
T617	Common horse chestnut	Young	6	3	3	3	3	1.5N	1	1	1	1	1	254	3	29	Fair	Good	Good	Good	B1	40+	Lining the access road; set back by approximately 2.5m.
T618	Common horse chestnut	Young	6	3	3	3	3	1W	1	1	1	1	1	150	1.8	10	Fair	Good	Good	Good	B1	40+	Lining the access road; set back by approximately 2.5m.

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				N	E	S	W	1st branch (m)	N	E	S	W			RPA Radius (m)	RPA (m²)	Crown	Stem	Basal Area	General Physical			
T619	Sycamore	Semi-mature	12	6	5	3.5	3.5	2.5S	2	1	1.5	2	1	455	5.5	94	Good	Fair	Good	Good	B1	20+	Approximately 2m west of the existing track. Some minor deadwood to northern section of the canopy.
T620	Sycamore	Mature	18	10	6	5	6	2S	2.5	2	2	2.5	1	770	9.2	268	Good	Good	Good	Good	A2	40+	Epicormic growth around the base. Caught up hanging branches in the northern section of the canopy. Access track is approximately 6m east of the tree.
T621	Common horse chestnut	Young	6	3	3	2	3	1W	1	1	1	1	1	290	3.5	38	Fair	Good	Good	Good	B1	20+	Lining the access road; set back by approximately 2.5m.
T622	Common beech	Semi-mature	15	2.5	4	6	5	2S	1	1	2	1	1	340	4.1	52	Good	Good	Good	Good	B2	40+	Well established tree situated on the southern edge of the wooded area. Appears to be in good physiological condition.
T623	Sycamore	Semi-mature	16	5	5	3	4	2.5E	3	2	3	3	1	480	5.8	104	Good	Good	Good	Good	B2	40+	U-shaped union between co-dominant stems at 2m. Symmetrical crown spread.
T624	Sycamore	Veteran	16	6	6	6	6	1S	1	1	1	1	1	1100	16.5	855	Fair	Good	Fair	Good	A3	40+	Veteran tree. Several characteristics indicative of a veteran tree. These features include hollowing, exposure, and significant degradation of the heartwood of the tree. Cavities and evidence of inveterate population also present within the central cavity. Saprotrophic fungi in the form of Oyster mushrooms also present on the southern side of the main stem at 2.5m. Prolific advantageous epicormic growth surrounds the base and fallen deadwood is mixed within. An excellent specimen with very high ecological value.
T625	Common beech	Mature	23	11	11	9	10	3S	1	2	2	1	1	1030	12.4	480	Good	Good	Good	Good	A3	40+	Veteran features present throughout the upper crown. Large dead limbs and cavities present throughout the crown. Although not quite a veteran tree, this tree is on its way to becoming one. Provides excellent ecological and amenity value. An exceptional example of its species.
T626	Sycamore	Early Mature	16	5	5	6	2	2S	3	2	3	2	1	495	5.9	111	Good	Good	Good	Good	B2	40+	Slightly reduced crown on the western side of a result of suppression from neighbouring mature beech tree. However, this tree is well established and in good physiological condition.
T627	Sycamore	Early Mature	15	5	5	5	2	2S	3	2	3	1	1	500	6	113	Good	Fair	Good	Good	B2	40+	Prolific epicormic growth around the base of the stem. Slightly reduced crown on the western side of a result of suppression from neighbouring mature beech tree.
T628	Sycamore	Semi-mature	11	4	3	3	3	2S	2	2	2	2	1	305	3.7	42	Good	Good	Good	Good	B2	40+	Well-developed tree with potential to develop into a good specimen.
T629	Norway maple	Semi-mature	12	4	4	5	4	1.7S	2	2	2	2	1	375	4.5	64	Good	Good	Good	Good	B2	40+	Symmetrical crown spread. Good overall form and physiological condition.
T630	Sycamore	Semi-mature	15	3	3	3	2	1.6W	7	7	4	4	1	290	3.5	38	Fair	Fair	Fair	Fair	C2	40+	U-shaped union between co-dominant stems at 1.6m.

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				N	E	S	W	1st branch (m)	N	E	S	W			RPA Radius (m)	RPA (m²)	Crown	Stem	Basal Area	General Physical			
T631	Wild cherry	Semi-mature	10	3.5	2	4	3	2W	4	4	2	2	1	305	3.7	42	Good	Good	Good	Good	B2	40+	Deadwood throughout the lower crown likely because of natural pruning from shading.
T632	Sycamore	Semi-mature	13	4	3	4	3	3S	5	5	4	5	1	235	2.8	25	Fair	Fair	Fair	Fair	B2	40+	The stem is leaning in a north-eastern direction. Crown development is good.
T633	Common lime	Semi-mature	11	3.5	3	3	3	1W	1	1	1	1	2	180/210	3.3	35	Fair	Good	Fair	Good	B2	40+	Potential to develop into a good specimen.
T634	Sycamore	Semi-mature	16	3	4	4.5	3	2S	6	6	4	5	1	250	3	28	Fair	Fair	Fair	Fair	C2	40+	U-shaped union between co-dominant stems at 2m.
T635	Norway maple	Mature	7	7	7	7	7	2W	1	1	1	1	1	705	8.5	225	Good	Good	Good	Good	A1	40+	Perfectly symmetrical crown spread. An excellent form and physiological condition. Well established amenity specimen.
T636	Sycamore	Mature	25	13	9	5	9	3N	3	3	2	2	1	885	10.6	354	Good	Good	Good	Good	A1	40+	Excellent specimen with plenty of features indicating bat potential. Southern side of the crown has been somewhat suppressed by neighbouring tree. Probing a lower cavity indicates significant decay within the main stem. Approximately 2m from the existing access track.
T637	Pedunculate oak	Mature	21	5	9	9	6.5	2.5S	3	1	1	1	1	995	11.9	448	Fair	Fair	Good	Fair	A1	40+	Large tree located approximately 2m from the existing access track. Large limb breakages on the southern side at 3m. Cavities and decay present throughout the crown and stem. Bat potential.
T638	Common ash	Young	6	1.5	1.5	1.5	1.5	2W	2	1	2	2	1	140	1.7	9	Fair	Fair	Fair	Fair	C2	20+	Unremarkable tree situated 1.5m from the existing access track.
T639	Wild cherry	Semi-mature	12	5	4	3	4	2N	3.5	3	3	3	1	440	5.3	88	Fair	Good	Fair	Fair	B2	40+	The current access track is within the RPA of this tree. The tree is situated 1m from the existing track. No indication of physiological decline resulting from this yet. Some pruning wounds on the lower stem.
T640	Pedunculate oak	Young	11	3	2	3	3	2N	2	2	2	2	1	240	2.9	26	Fair	Fair	Good	Good	B2	40+	Slightly larger specimen within a group of young trees.
T641	Common horse chestnut	Young	7	2	2	2	2	1.6E	3	2	3	2	1	235	2.8	25	Fair	Good	Fair	Fair	B2	40+	Located 2m from the existing road. Categorisation is justified by the amenity value potential of the tree.
T642	Sycamore	Semi-mature	10	4	1	4	4	2SE	4	8	2.5	3	2	225/310	4.6	66	Fair	Fair	Fair	Fair	B1	20+	Minor deadwood in the upper canopy. Set back from southerly fence line by approximately 5m.
T643	Sycamore	Semi-mature	11	4	2	4	3	2NW	2	8	2.5	2.5	1	410	4.9	76	Good	Fair	Good	Good	B1	20+	Minor deadwood in the upper canopy. Set back from southerly fence line by approximately 4m.
T644	Sycamore	Semi-mature	11	4	5	3	4	2NW	3	7	7	7	1	354	4.2	57	Good	Fair	Good	Good	B1	20+	Minor deadwood in crown. Asymmetric crown form due to the neighbouring trees. Set back from southerly fence line by approximately 5m.
T645	English elm	Young	5	2.5	1	2	2	2.5S	4	4	4	4	2	140/190	2.8	25	Fair	Fair	Fair	Fair	C1	10+	Some ivy cover on the stem. Minor deadwood in the north-east of the canopy. Adjacent field boundary to west of the tree.

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				N	E	S	W	1st branch (m)	N	E	S	W			RPA Radius (m)	RPA (m²)	Crown	Stem	Basal Area	General Physical			
T646	English elm	Young	8	5	3	4	4	2N	4	5	4	3	1	300	3.6	41	Fair	Fair	Fair	Fair	C1	10+	Some ivy cover on the stem. Minor deadwood in the north-east of the canopy. Adjacent field boundary to west of the tree.
T647	Common beech	Early Mature	16	5.5	5	6.5	5	3.5N	0.5	0.5	0.5	0.5	1	715	8.6	231	Good	Good	Good	Good	A1	40+	Approximately 5m from the driveway.
T648	Common horse chestnut	Semi-mature	10	5	4	4	5	3N	0.5	1	2	1	1	470	5.6	100	Fair	Good	Good	Good	A1	40+	Cavity with some occlusion in the stem to the southerly aspect - potential bat feature. Approximately 11m from the driveway to the east.
T649	Sweet chestnut	Semi-mature	10	1	4	4	4	3SW	9	4	5	2	1	305	3.7	42	Good	Fair	Good	Good	B2	40+	Asymmetric crown due to the neighbouring tree. Set back from driveway by approximately 3m.
T650	Sweet chestnut	Semi-mature	10	4	4	1	4	3N	0.5	4	8	1	1	340	4.1	52	Good	Fair	Good	Good	B2	40+	Asymmetric crown due to the neighbouring tree. Set back from driveway by approximately 3m.
T651	Sweet chestnut	Veteran	17	9	10	10	6	2S	1	1	1	2	1	1050	15.7	776	Good	Good	Good	Good	A1	40+	Pruned back away from driveway on western canopy. Occluded wound on the northern side of the stem. Minor deadwood and hanging branches in canopy. Historic large pruning wounds. A cavity on the eastern side of the lower stem - bat potential. Set back from driveway approximately 2m.
T652	Common beech	Mature	17	9	9	8	8	2W	1	2	1	1	1	1200	14.4	652	Good	Good	Good	Good	A2	40+	Open-grown tree with small cavities in upper crown. Set back from the southern fence line by approximately 12m.
T653	Sycamore	Early Mature	16	5	6	6	5	2S	1	1	1	2	1	730	8.8	241	Good	Good	Good	Good	A2	40+	Adjacent field boundary is to the west.
T654	Common beech	Early Mature	16	7	7	7	6	3W	1	1	1	1	1	800	9.6	290	Good	Good	Good	Good	A2	40+	In the middle of the grassed area and set back approximately 11m from the driveway.
T655	Common beech	Semi-mature	14	5	5	5	5	2SE	2	3	2.5	2	1	570	6.8	147	Good	Fair	Good	Fair	B2	40+	Some deadwood and die back in upper canopy. In the middle of the grassed area and set back approximately 11m from the driveway.
T656	Common horse chestnut	Young	5	2	2	2	2	1.5W	1.5	1.5	2	1.5	1	145	1.7	10	Poor	Fair	Fair	Poor	U	<10	Multiple fruiting bodies of oyster mushroom on the stem.
T657	Pedunculate oak	Early Mature	10	8	8	8	8	1.5S	1	1	1	3	1	560	6.7	142	Good	Good	Good	Good	A1	40+	Some minor deadwood in crown. On the east of the driveway and set back approximately 3m.
T658	Common horse chestnut	Semi-mature	6	4	4	3	4	1.5W	1	1	1	1	1	310	3.7	43	Good	Good	Good	Good	B1	40+	Tree lining the east side of the driveway and set back approximately 2m.
T659	Pedunculate oak	Early Mature	8	5	1	5	6	2S	1.5	1	1	3	1	395	4.7	71	Good	Fair	Good	Good	B1	40+	Some minor deadwood in crown, multiple snapped limbs in the western section of the canopy, possibly from vehicular movements, which is also likely responsible for the formation of an asymmetric crown. Located on the east of the driveway set back approximately 3m.

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T660	Common horse chestnut	Young	7	3	3	2	1.5	1W	1.5	1	1.5	1	3	145/ 165/ 90	2.8	25	Fair	Fair	Good	Fair	C1	20+	Tree on the eastern side of the driveway, set back approximately 3m. Roots to the west of tree's stem are likely impacted by the driveway construction. Stem has multiple cankers.
T661	Sycamore	Early Mature	10	7	6	9	7	2E	6	2	4	4	1	850	10.2	327	Fair	Poor	Good	Fair	B1	20+	Tree on the eastern side of the driveway, set back approximately 3m. Roots to the west of tree's stem are likely impacted by the driveway construction.
T662	Common horse chestnut	Young	3	2	2	2	2	1N	1	1	1	1	1	160	1.9	12	Good	Good	Good	Good	B1	40+	Part of linear feature lining the eastern side of the driveway; set back by approximately 2m.
T663	Common horse chestnut	Young	3	2	2	2	2	1N	1	1	1	1	3	100/ 100/ 120	2.3	17	Poor	Poor	Poor	Dead	U	<10	Part of linear feature lining the eastern side of the driveway; set back by approximately 2m. Main leader is dead, and dieback is also present on the other stems. Multiple fruiting bodies present from the base to 1m of the stem.
T664	Pedunculate oak	Semi-mature	8	2	3	4	4	2S	6	2	1	3	1	350	4.2	55	Good	Fair	Good	Good	B1	40+	Some minor deadwood in crown. Asymmetric crown due to the presence of a neighbouring tree on the northern side. Located on the eastern side of the driveway and set back approximately 3m.
T665	Pedunculate oak	Mature	14	9	9	8	9	2S	1	1	1	2	1	1260	15	707	Good	Good	Good	Good	A1	40+	Part of a treeline along driveway. Set back by approximately 4m.
T666	Sycamore	Mature	16	10	10	9	8	2N	5	4	5	4	1	1030	12.4	480	Good	Good	Good	Good	A1	40+	Open-grown tree located within the wood-pasture.
T667	Pedunculate oak	Mature	17	8	6	9	9	2N	1	1	1	1	1	894	10.7	362	Good	Good	Good	Good	A1	40+	Open-grown tree located within the wood-pasture.
T668	Pedunculate oak	Mature	16	12	12	10	6	7E	6	6	6	6	1	947	11.4	406	Good	Good	Good	Good	A1	40+	Open-grown tree located within the wood-pasture.
T669	Sycamore	Veteran	16	10	12	12	11	1S	2	1	1	3	1	1100	16.5	855	Fair	Fair	Good	Fair	A3	40+	Open-grown tree located within the wood-pasture. Multiple cavities, major deadwood with large snapped out limbs hanging in the canopy and surrounding the base. Historic tear-out wounds, and old fruiting bodies on the ground and in a cavity to the east of the main stem. Unable to identify fungi due to degradation extent of the fruiting bodies. Ecological features present throughout the structure.
T670	English elm	Young	8	2	1	1	2	3S	5	5	5	5	1	155	1.9	11	Fair	Poor	Fair	Decline	C2	<10	Tree is in decline, almost certainly as a result of disease. Deadwood throughout the crown.
T671	English elm	Semi-mature	10	2	2	2	1	1S	2	2	1	1	2	360/ 370	6.2	120	Obscured (Ivy)	Fair	Obscured (Ivy)	Fair	C2	10+	Minor deadwood in the lower crown. Screening function as it is located on the fence line.
T672	English elm	Semi-mature	9.5	3.5	1.5	2	3	2S	3	4	4	4	1	260	3.1	31	Fair	Poor	Obscured (Ivy)	Decline	B2	10+	Provides a screening function. Deadwood throughout the crown. In a state of decline.

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				N	E	S	W	1st branch (m)	N	E	S	W			RPA Radius (m)	RPA (m²)	Crown	Stem	Basal Area	General Physical			
T673	English elm	Semi-mature	13	3	6	4.5	2	3S	7	3	5	7	1	480	5.8	104	Obscured (Ivy)	Fair	Obscured (Ivy)	Fair	B1	20+	Second largest English elm within this group. Deadwood present in the lower crown. The upper crown appears to be in relatively good condition. Provides amenity value and a screening function.
T674	English elm	Semi-mature	13	5	5.5	3	4	1.7E	4	2	4	6	1	510	6.1	118	Fair	Fair	Obscured (Ivy)	Fair	B1	20+	Largest English elm within this group. Deadwood present in the lower crown. The upper crown appears to be in relatively good condition. Provides amenity value and a screening function.
T675	English elm	Semi-mature	12	3	2	3	4	1.6S	7	7	7	5	1	500	6	113	Fair	Fair	Fair	Fair	B2	10+	Deadwood present throughout the crown. Deadwood predominantly on the northern and eastern sides.
T676	English elm	Semi-mature	11	5	2	4	3	3E	4	4	5	4	1	300	3.6	41	Fair	Poor	Fair	Decline	B2	10+	Considerable amounts of deadwood throughout the crown. In a state of decline.
T677	English elm	Semi-mature	11	2	5	2.5	3	1.7W	7	3	2	5	1	320	3.8	46	Fair	Fair	Fair	Fair	B2	10+	Dieback present throughout the lower crown and particularly on the eastern side. Provides a screening function.
T678	Common beech	Mature	20	10	8	8	6	3N	1	3	2	3	1	830	10	312	Good	Good	Good	Good	A1	40+	Large specimen located approximately 4m from the existing driveway. A tight V-shaped union is between the co-dominant stems at approximately 3m. Included bark is present within the union, rib formation is reasonably good, but this is a definite point of potential weakness.
T679	Common beech	Young	8	3	2	2	3	1.6W	2	1	2	2	2	220/ 230	3.8	46	Fair	Good	Good	Good	C1	40+	Located 1.5m from the driveway and within a residential garden.
T680	Sycamore	Early Mature	18	3.5	6	7.5	5	2.5E	4.5	3	2	2	1	680	8.2	209	Good	Good	Good	Good	B2	40+	Asymmetric crown form due to neighbouring tree on the northern side.
T681	Common beech	Early Mature	19	6	8	3	8	3N	2	3	3	2	1	820	9.8	304	Good	Good	Good	Good	A1	40+	Asymmetric crown due to neighbouring tree on southern side. Well established tree situated approximately 6m from the driveway.
T682	Sycamore	Early Mature	18	6	5	6	6	3W	2	2	2	2	1	630	7.6	180	Good	Good	Good	Good	B1	40+	Well established tree situated within the wood pasture.
T683	Common beech	Early Mature	17	6	6	5	5	2.5S	1	1	2	2	1	600	7.2	163	Fair	Fair	Good	Fair	B2	40+	The top 2m of the crown Is decaying and will ultimately impact the overall form of this tree since the leader is dying. Other areas of decay in various limbs and wounds are present.
T684	Common horse chestnut	Young	6	3	3	3	3	1.8N	1	1	1	1	1	200	2.4	18	Fair	Good	Good	Good	B1	20+	Adjacent to the access road and set back by approximately 2.5m
T685	Common horse chestnut	Young	6	2	3	3	3	1.8N	1	1	1	1	1	220	2.6	22	Fair	Good	Fair	Good	B1	20+	Adjacent to the access road and set back by approximately 2.5m
T686	Pedunculate oak	Mature	13	9	4.5	11	7	2.5W	4	4	1	2	1	1020	12.2	471	Fair	Fair	Good	Fair	B2	40+	Has suffered a significant limb fracture on the northern side which has impacted the overall form of this tree. Despite its reduced form, this tree is of a considerable age and size and still provides value as an amenity feature and ecological asset.

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				N	E	S	W	1st branch (m)	N	E	S	W			RPA Radius (m)	RPA (m²)	Crown	Stem	Basal Area	General Physical			
T687	Pedunculate oak	Semi-mature	10	4	3	3.5	4	2E	2	2	2	2	1	340	4.1	52	Good	Good	Good	Good	B1	40+	Well established tree situated 2m from the driveway. Potential to develop into a good specimen.
T688	Common horse chestnut	Young	5	2	2	2	2	1N	1	1	1	1	1	170	2	13	Fair	Fair	Fair	Fair	C1	20+	Unremarkable tree situated 2.5m from the driveway.
T689	Pedunculate oak	Semi-mature	10	7	5	7	5	2S	2	2	2	2	1	370	4.4	62	Good	Good	Good	Good	B1	40+	Well established tree situated 2m from the driveway. Some minor deadwood in the lower crown. Potential to develop into a good specimen.
T690	Pedunculate oak	Young	2	1	1	1	1	1W	1	1	1	1	1	100	1.2	5	Poor	Poor	Poor	Dying	U	N/A	Dying young tree with significant decay throughout its structure.
T691	Common horse chestnut	Young	4	1.5	1.5	1.5	1.5	1N	1	1	1	1	1	150	1.8	10	Fair	Good	Fair	Fair	C1	40+	Young tree situated 2.5m from the driveway.
T692	Sweet chestnut	Mature	15	9	10	8	8	3S	2	2	2	2	1	1100	13.2	547	Fair	Good	Fair	Good	A1	40+	Exposed heartwood at the base of the stem and decay present within. An open-grown form and a good amenity specimen.
T693	Common lime	Mature		8	10	8	8	3S	2	2	2	2	1	1190	14.3	641	Good	Good	Good	Good	A2	40+	Excellent open grown form. Great example of its species. Symmetrical crown. Growing within the wood pasture.
T694	Turkey oak	Early Mature	16	8	8	8	9	2N	2	2	2	2	1	1000	12	452	Good	Good	Good	Good	A2	40+	Open grown form and a good example of its species. In good physiological condition. Located within the wood pasture.
T695	Swedish whitebeam	Semi-mature	6	3	2	2	2	1.7N	2	2	2	2	2	200/ 210	3.5	38	Fair	Good	Fair	Fair	C1	40+	On a grass verge between a private road (north) and a drainage ditch (south).
T696	Common alder	Semi-mature	4.5	2	3	2	2	2W	1	1	1	1	1	250	3	28	Good	Good	Good	Good	B1	40+	Located between the drainage channels. An interesting form and a good physiological condition.
T697	Common lime	Young	5	2	2	2	2	1.6W	1	1	1	1	1	250	3	28	Fair	Fair	Fair	Fair	C1	40+	Located 2m from the access road.
T698	Leyland cypress	Semi-mature	13	3	2	3	3	2N	2	1	1	1	1	600	7.2	163	Good	Good	Good	Good	B1	40+	Forms a linear feature proving a screening function to the road. Situated behind a 2m high fence. Stem is 3.5m from the road.
T699	Leyland cypress	Semi-mature	10	3	1	3	1	2N	2	1	1	1	1	300	3.6	41	Poor	Poor	Poor	Poor	C1	10+	Out competed by neighbours and suffered a stem fracture at 1.5m which has affected the form and condition. Forms a linear feature proving a screening function to the road. Situated behind a 2m high fence. Stem is 3.5m from the road.
T700	Leyland cypress	Semi-mature	13	3	2	3	2	2N	2	1	1	1	4	250/ 250/ 250/ 250	6	113	Fair	Good	Fair	Good	B1	40+	Multi-stemmed from the base. Forms a linear feature proving a screening function to the road. Situated behind a 2m high fence. Stem is 3.5m from the road.
T701	Leyland cypress	Semi-mature	11	3	2	3	1	2N	2	1	1	1	1	470	5.6	100	Fair	Fair	Fair	Fair	C1	20+	Reduced foliage because of neighbouring competition. Forms a linear feature proving a screening function to the road. Situated behind a 2m high fence. Stem is 3.5m from the road.

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				N	E	S	W	1st branch (m)	N	E	S	W			RPA Radius (m)	RPA (m²)	Crown	Stem	Basal Area	General Physical			
T702	Leyland cypress	Semi-mature	11	3	3	3	1	2N	2	1	1	1	1	450	5.4	92	Fair	Fair	Fair	Fair	B1	40+	Slightly sparse crown in places. Forms a linear feature proving a screening function to the road. Situated behind a 2m high fence. Stem is 3.5m from the road.
T703	Scots pine	Young	6	1	2.5	2	1	3E	2	1	1	4	1	190	2.3	16	Good	Fair	Good	Fair	C1	40+	Asymmetric crown form due to neighbouring trees on the west. Behind a 2m high fence, and approximately 3.5m from the road.
T704	White poplar	Semi-mature	17	4	4	3	2	4N	4	5	5	9	1	350	4.2	55	Good	Good	Good	Good	B1	40+	Growing within the linear Leyland cypress group behind the fence and 3m from the road. Appears to be in good condition.
T705	Lombardy poplar	Semi-mature	16	2	2	1.5	1.5	3.5S	4	4	4	4	1	370	4.4	62	Fair	Fair	Fair	Fair	C1	20+	North of the compound fence. 2m from the road.
T706	Common lime	Semi-mature	12	4.5	4	4	5	2.5W	3.5	3	2.5	2	1	430	5.2	84	Good	Good	Obscured (misc.)	Good	B1	20+	Epicormic growth to base partially obscuring view. Infront of chain fence set back from the road by approximately 1.5m.
T707	Common lime	Semi-mature	9	4	4	1.5	5	2W	3.5	2	4	2.5	1	290	3.5	38	Good	Fair	Good	Good	B1	20+	Asymmetric crown due to suppression from trees to the south. Infront of chain fence set back from the road by approximately 1.5m.
T708	Common lime	Young	8	3	3	3	3	1.7S	2	2	2	2	2	260/ 240	4.2	57	Fair	Fair	Fair	Fair	C1	40+	Surveyed from outside the boundary fence.
T709	Common lime	Young	7	2	2	2	2	1.5S	2	2	2	2	1	280	3.4	35	Fair	Fair	Fair	Fair	C1	40+	Surveyed from outside the boundary fence.
T710	Common lime	Young	7	2	2	2	2	1.5S	2	2	2	2	1	280	3.4	35	Fair	Fair	Fair	Fair	C1	40+	Surveyed from outside the boundary fence.
T711	Common lime	Young	4	2	2	2	2	1.4S	2	2	2	2	1	250	3	28	Fair	Fair	Fair	Fair	C1	40+	Surveyed from outside the boundary fence.
T712	Pedunculate oak	Early Mature	11	5	5	6	5	2W	3	3	2	2	2	545/ 510	9	252	Good	Good	Good	Good	B1	40+	A well-established tree situated approximately 2m from the road. Symmetrical crown spread. Co-dominant stems form at 1.4m with a U-shaped union between the stems.
T713	Pedunculate oak	Early Mature	11	7	6	4	5	1.6E	3	2	3	3	1	650	7.8	191	Good	Good	Good	Good	B1	40+	A well-established tree situated approximately 4m from the road. Some pruning of the crown on the southern side.
T714	English elm	Semi-mature	13	3	3	3	2	3E	3	3	3	3	2	170/ 300	4.1	54	Good	Good	Fair	Good	B2	40+	In good physiological condition. Situated between two arable fields on the boundary.
T715	English elm	Semi-mature	11	2	3	3	2	3N	3	3	3	3	2	260/ 260	4.4	61	Good	Good	Fair	Good	B2	40+	V-shaped union at the base between the stems. In good physiological condition. Situated between two arable fields on the boundary.
T716	English elm	Semi-mature	11	2	3	3.5	2	3N	3	3	3	3	1	280	3.4	35	Good	Good	Fair	Good	B2	40+	In good physiological condition. Situated between two arable fields on the boundary.
T717	English elm	Semi-mature	10	3	3	2	3	3N	3	3	3	3	2	200/ 100	2.7	23	Obscured (Ivy)	Fair	Obscured (Ivy)	Good	C2	20+	Dense ivy obscuring base and stem. Situated between two arable fields on the boundary.

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				N	E	S	W	1st branch (m)	N	E	S	W			RPA Radius (m)	RPA (m²)	Crown	Stem	Basal Area	General Physical			
T718	English elm	Young	8	2	2	2	2	2N	3	3	3	3	1	150	1.8	10	Good	Good	Good	Good	C2	40+	Situated on the boundary between two arable fields.
T719	Common ash	Young	8	1.5	1.5	1.5	1.5	3W	3	3	3	3	3	100/ 130/ 140	2.6	21	Obscured (Ivy)	Fair	Obscured (Ivy)	Fair	C2	20+	Unremarkable tree situated on the field boundary.
T720	Common ash	Young	8	1.5	1.5	1.5	1.5	3W	3	3	3	3	2	110/ 140	2.1	14	Fair	Fair	Fair	Fair	C2	20+	Unremarkable tree situated on the field boundary.
T721	English elm	Young	6	1	1.5	1	1.5	3NW	3	3.5	3	2.5	1	180	2.2	15	Poor	Poor	Poor	Decline	C1	<10	Diseased likely causing the bark delamination, crown dieback, and dieback of the main leader. Set back from the field boundary by approximately 3m.
T722	Common ash	Semi-mature	8	6	5	5	5	1.5S	2.5	2	4	3	3	285/ 320/ 330	6.5	132	Fair	Good	Good	Good	B1	20+	Adjacent to the access gap in the field boundary. Previous pruning to the canopy on the south and west aspects.
T723	English elm	Semi-mature	9	2	2	1	1	4E	2.5	3	3	3	1	180	2.2	15	Fair	Fair	Fair	Fair	C1	20+	Boundary tree between two arable fields.
T724	English elm	Semi-mature	9	1	2	2	1	3S	2.5	3	2	3	1	200	2.4	18	Fair	Fair	Fair	Fair	C1	20+	Boundary tree between two arable fields.
T725	Common lime	Early Mature	11	5	6	6	6	1W	2	2	2	2	2	300/ 250	4.7	69	Fair	Poor	Obscured (misc.)	Fair	B2	20+	The base is completely obscured by epicormic growth up to approximately 3m - unable to determine the number of stems or condition of the base; measurements are estimated. Set back from the field boundary by approximately 4m. Dieback in upper crown, and some deadwood present.
T726	Silver birch	Semi-mature	10	4	3	3	4	1W	2.5	2.5	1.5	1	1	260	3.1	31	Good	Good	Good	Good	B1	40+	Approximately 0.5m behind a wooden fence and within an unmanaged grassland.
T727	Silver birch	Semi-mature	10	3	3	3	3	3S	2.5	2.5	2.5	2.5	1	260	3.1	31	Good	Good	Good	Good	B1	40+	Within unmanaged grassland.
T728	Silver birch	Semi-mature	10	3	3	3	3	3S	2.5	2.5	2.5	2.5	2	200/ 180	3.2	33	Good	Good	Good	Good	B1	40+	Within unmanaged grassland.
T729	Silver birch	Semi-mature	10	3	2	1.5	2	1N	2.5	2.5	2.5	2.5	2	200/ 180	3.2	33	Fair	Good	Good	Good	B1	40+	Within unmanaged grassland.
T730	Silver birch	Semi-mature	10	4	3	3	4	1W	1	1	1	1	1	260	3.1	31	Good	Good	Good	Good	B1	40+	Within unmanaged grassland.
T731	Silver birch	Semi-mature	10	3	3	3	3	1.5S	2.5	2.5	2.5	2.5	2	210/ 150	3.1	30	Good	Good	Good	Good	B1	40+	Within unmanaged grassland.
T732	Silver birch	Semi-mature	10	2	2	3	2	1S	1	1	1	1	1	260	3.1	31	Good	Good	Good	Good	B1	40+	Within unmanaged grassland.
T733	Silver birch	Semi-mature	10	3	3	3	3	1N	1	2.5	2.5	2.5	1	260	3.1	31	Good	Good	Good	Good	B1	40+	Within unmanaged grassland.

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				N	E	S	W	1st branch (m)	N	E	S	W			RPA Radius (m)	RPA (m²)	Crown	Stem	Basal Area	General Physical			
T734	Silver birch	Semi-mature	10	3	3	3	3	3W	6	6	6	6	1	230	2.8	24	Good	Good	Good	Good	B1	40+	Within unmanaged grassland.
T735	Goat willow	Semi-mature	6	2	3	3	3	1S	1	1	1	1	6	110 av.	3.2	33	Fair	Fair	Fair	Fair	C1	40+	Within unmanaged grassland.
T736	Silver birch	Semi-mature	9	1	1	2	2	2S	1	2.5	2.5	2.5	1	150	1.8	10	Good	Fair	Good	Good	B1	40+	Within unmanaged grassland.
T737	Silver birch	Semi-mature	10	3	3	3	3	1W	1	1	1	1	2	260/ 230	4.2	54	Good	Good	Good	Good	B1	40+	Within unmanaged grassland.
T738	Crack willow	Early Mature	18	7	7	7	7	3N	3	3	3	3	2	595/ 380	8.5	226	Fair	Good	Fair	Good	B1	40+	Well-established tree located 2m from the fence and 9m from the road. Some deadwood present in the lower crown.
T739	Crack willow	Early Mature	18	6	6	7	6	2W	2	3	2	1	9	250 av.	9	255	Fair	Good	Fair	Good	B1	40+	Well-established tree located 2m from the fence and 9m from the road. Multi-stemmed from the base. Evidence of nesting birds in the crown.
T740	Common lime	Semi-mature	9	3.5	3	3	3.5	2W	3	2.5	1	1.5	1	290	3.5	38	Good	Good	Good	Good	B1	40+	Within the grass verge and adjacent to the chain-link fence.
T741	Common lime	Semi-mature	7	2.5	2	1.5	2	2.5W	2	2	4	1	1	237	2.8	25	Good	Fair	Good	Good	B1	40+	Within the grass verge set back from the path by approximately 4m. Asymmetric crown due neighbouring trees.
T742	Common lime	Semi-mature	9	3.5	3	3	3	2W	2.5	2	2	2.5	1	300	3.6	41	Good	Good	Good	Good	B1	40+	Within the grass verge and adjacent to the chain-link fence.
T743	Common lime	Semi-mature	9	4	4	3.5	3.5	3N	1.5	2	4	2.5	1	393	4.7	70	Good	Good	Good	Good	B1	40+	Within the grass verge and adjacent to the chain-link fence. Some previous pruning has been conducted on the eastern section of the canopy.
T744	Pedunculate oak	Young	4	2	2	2.5	2	0.5S	2.5	2	2	1	4	100/ 120/ 150/ 120	3	28	Fair	Good	Fair	Fair	C1	40+	Between the bridges on the highway's embankment. The canopy overhangs the northern and eastern footpaths.
G745	Black poplar	Semi-mature	10	2	2	2	2	0.5S	1	1	1	1	32	230	2.8	24	Good	Good	Fair	Good	B1	20+	Line of hybrid black poplar providing screening from footpath to the road. Resides within the unmanaged highways verge on the embankment.
T746	Silver birch	Semi-mature	9	4.5	4	3	3	3S	3.5	3	3.5	3	1	295	3.5	39	Good	Good	Good	Good	B1	20+	South of the boundary hedge within a raised verge adjacent to the historic access gate.
T747	Goat willow	Semi-mature	5	3	3	3	3.5	1.5SW	2	3	3	3.5	6	150 av.	4.4	61	Fair	Fair	Good	Fair	C1	20+	A wooden fence is approximately 0.5 to the south and directly adjacent to the old access.
T748	Hawthorn	Mature	6	3.5	3.5	3	3	1E	2.5	1	2.5	2.5	3	300/ 330/ 240	6.1	116	Good	Fair	Fair	Fair	B2	20+	Within the boundary between the public right of way and the gate.
T749	Crack willow	Mature	9	2	3.5	3.5	2	1E	7	7	4	5	3	220/ 350/ 400	6.9	150	Fair	Fair	Poor	Fair	B3	20+	Hollowed and collapsed at the base. Ivy cover is obscuring most of the base and the stem - diameter estimated. Ecological potential stemming from the decay extent.

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T750	Pedunculate oak	Mature	16	8	6	7	8	2.5S	3	3	5	3	1	1200	14.4	652	Good	Good	Good	Good	A2	40+	On the southern edge of the wet drainage ditch and approximately 3m from track. Open-grown form with some major deadwood and cavities providing ecological value.
T751	Common pear	Mature	7	3	3	2	2	3.5S	4	4	3	3.5	1	420	5	80	Obscured (Ivy)	Fair	Obscured (Ivy)	Fair	B3	20+	Mature ivy-covered pear tree on northern riverbank; approximately 1m from track.
T752	Common ash	Semi-mature	8	4	4	4	5	3E	3	3	3	3	1	500	6	113	Obscured (Ivy)	Fair	Obscured (Ivy)	Fair	B2	20+	Hedgerow tree with ivy cover into the lower crown. Diameter estimated due to the dense ivy cover. Water filled drainage ditch directly to the south of the tree and an access track to the north.
T753	Pedunculate oak	Semi-mature	10	6	6	6	6	3.5W	4	4	3	4	1	600	7.2	163	Obscured (Ivy)	Good	Obscured (Ivy)	Fair	B2	40+	Hedgerow tree with ivy cover into the lower crown. Diameter estimated due to the dense ivy cover. Water filled drainage ditch directly to the south of the tree and an access track to the north.
T754	Crack willow	Veteran characteristics	13	4	10	8	8	3E	2.5	3	6	6	1	1200	14.4	652	Fair	Fair	Fair	Fair	B3	20+	On northern side of wet ditch. Extensive dieback through crown and significant in large lower limbs with small cavities. Heavily pruned on southern side and a small Ganoderma bracket on the southern co-dominant stem. Good ecological value with potential bat features.
T755	Common ash	Early Mature	12	6	5	8	6	3S	3	3	3	3.5	1	680	8.2	209	Obscured (Ivy)	Fair	Obscured (Ivy)	Fair	B1	20+	Dieback present throughout the crown. Sparse crown in places. Resides in the hedgerow delineating the field boundary and on the south-western side of the water course.
T756	Sessile oak	Early Mature	17	7	8	8	7	3E	3	3	3	3	1	780	9.4	275	Good	Fair	Good	Good	B1	40+	Resides on the north-eastern bank of the water course. Deadwood throughout the crown. Large limb breakage on the northern side. A well-developed tree providing ecological and amenity value to the area.
T757	Common ash	Semi-mature	6.5	2.5	2	2	2	3N	3	3	2	2	1	300	3.6	41	Fair	Fair	Fair	Fair	C1	20+	Forms a part of the hedgerow. Has not been topped like the other trees within the hedgerow.
T758	Lawson cypress	Semi-mature	8.5	2	2	2	2	1S	0.5	0.5	0.5	0.5	1	300	3.6	41	Good	Good	Good	Good	B1	40+	Resides on the boundary of the residential property. A good form and potential to develop into a good specimen.
T759	Crack willow	Semi-mature	10	4	4	4	4	1S	1	1	1	1	13	150 av.	6.5	132	Good	Good	Fair	Good	C2	40+	Multi-stemmed tree on the bank of the water body.
T760	Common pear	Mature	9	2.5	2	3	2	3.5W	3	3	3	3	1	490	5.9	109	Fair	Good	Fair	Good	B3	20+	A mature pear tree on the northern bank of the watercourse. Cavities and decay present throughout the stem and crown. Provides good ecological value. Approximately 1m from the existing track.

Tree ref	Tree Type	Life Stage	Height (m)	Av Crown Spread (m)				Av Crown Height (m)					No of trees or stems	Stem Diameter (mm)	Root Protection Area (RPA)		Condition				BS5837 Category	Useful remaining contribution (years)	Comment
				N	E	S	W	1st branch (m)	N	E	S	W			RPA Radius (m)	RPA (m²)	Crown	Stem	Basal Area	General Physical			
T761	Crack willow	Veteran characteristics	14	9	9	2	5	2N	1	2	3	2	1	1500	15	707	Poor	Fair	Poor	Fair	B3	20+	Significant degradation of the base and lower stem up to 3m. Decay and deadwood present throughout the stem and crown. A good amount of live crown is also present. High ecological value. Located on the northern edge of a drainage channel between two arable fields.
T762	Pedunculate oak	Early Mature	14	6	6	7	5	3S	3	3	4	3	1	800	9.6	290	Good	Good	Good	Good	B2	40+	Well established tree situated on the northern edge of the drainage channel in between two arable fields. Good physiological condition and potential to develop into a large tree.
T763	Pedunculate oak	Early Mature	17	7	7	8	6	3E	4	3	3	3	1	900	10.8	366	Obscured (Ivy)	Good	Good	Good	B2	40+	Well established tree situated on the northern edge of the drainage channel in between two arable fields. Some deadwood throughout the crown.
T764	Common ash	Young	6.5	2	4	2	2	2E	2	2	2	2	1	160	1.9	12	Fair	Fair	Fair	Fair	C2	20+	Unremarkable tree situated within the hedgerow.
T765	Common ash	Semi-mature	15	6	5	5	5	3N	2	4	4	4	3	350/ 360/ 180	6.4	129	Fair	Good	Fair	Fair	B2	20+	Situated on the southern edge of the drainage channel. Pruning wounds present on the southern side. Evidence of nesting birds in the crown.
T766	Common ash	Semi-mature	13	5	5	4	5	3N	2	4	4	4	1	400	4.8	72	Obscured (Ivy)	Fair	Obscured (Ivy)	Fair	B2	20+	Situated on the western edge of the drainage channel. Pruning wounds present on the eastern side.
T767	Common ash	Semi-mature	13	3	4	5	7	2W	3	3	3	3	2	340/ 350	5.9	108	Obscured (Ivy)	Fair	Obscured (Ivy)	Fair	B2	20+	Situated on the western edge of the drainage channel. Pruning wounds present on the eastern side.
T768	Crack willow	Over Mature	15	8	10	6	5	2N	2	2	3	3	1	900	10.8	366	Poor	Fair	Fair	Fair	B3	20+	Situated on the southern edge of the drainage channel. Large limb fractures and stem fractures at the base. Significant decay throughout the stem however appears to be in reasonable physiological condition.
T769	Pedunculate oak	Veteran characteristics	20	6	6	11	6	4S	5	8	3	4	1	1440	15	707	Good	Good	Good	Good	A2	40+	Well established tree situated between the arable land. A large limb breakage on the eastern side at 3.5m. Deadwood and decay present at the base of the stem. Deadwood throughout the crown.
T770	Pedunculate oak	Semi-mature	10	4	4	4	4	3N	3	3	3	3	1	470	5.6	100	Good	Good	Good	Good	B2	40+	Situated on the boundary between arable land and pastureland. A well-established tree with the potential to develop into a good specimen.
T771	Pedunculate oak	Semi-mature	10	4	3	4	4	3N	3	3	3	3	1	450	5.4	92	Good	Good	Good	Good	B2	40+	Situated on the boundary between arable land and pastureland. A well-established tree with the potential to develop into a good specimen.
T772	Common lime	Semi-mature	11	4	4	4	4	3N	4	4	4	4	1	735	8.8	244	Fair	Fair	Fair	Fair	C1	20+	Tree is situated 2m from the road. Unremarkable form and physiological condition are only fair. Some dieback and minor decay present.
T773	Common lime	Semi-mature	11	3	4	4	4	3N	4	4	4	4	1	500	6	113	Fair	Fair	Obscured (misc.)	Fair	C1	20+	Tree is situated 2m from the road. Prolific epicormic growth at the base.

Tree ref	Tree Type	Life Stage	Height (m)	Av Crown Spread (m)				Av Crown Height (m)					No of trees or stems	Stem Diameter (mm)	Root Protection Area (RPA)		Condition				BS5837 Category	Useful remaining contribution (years)	Comment
				N	E	S	W	1st branch (m)	N	E	S	W			RPA Radius (m)	RPA (m²)	Crown	Stem	Basal Area	General Physical			
T774	Common lime	Semi-mature	12.5	4	5	4	5	3E	4	3	4	3.5	1	640	7.7	185	Obscured (Ivy)	Good	Obscured (Ivy)	Fair	C1	20+	Tree is situated 2m from the road. Dense ivy cover obscuring most of the base and stem. Appears to be in good physiological condition.
T775	Common beech	Semi-mature	9.5	8	7	8	7	2S	2	2	2	2	1	450	5.4	92	Good	Good	Good	Good	B2	40+	Symmetrical open-grown form. A well-developed tree residing in the wood pasture 6m from the arable land to the east.
T776	Red oak	Early Mature	11	4	6	8	8	2S	4	3	2	2	1	730	8.8	241	Fair	Fair	Good	Fair	B2	40+	Resides 2m from the arable land on the eastern side. Some large deadwood within the crown.
T777	Sycamore	Semi-mature	11	8.5	7	4	6	3N	2	3	4	2	1	620	7.4	174	Fair	Fair	Good	Fair	B2	40+	Resides 2m from the arable land on the eastern side. Good physiological condition and good form.
T778	Pedunculate oak	Semi-mature	13	4	5	3.5	2	3N	3	3	4	3	1	430	5.2	84	Good	Good	Good	Good	B2	40+	A well-established tree with the potential to develop into a good specimen. Situated on the corner of the arable land.
T779	Common lime	Semi-mature	12	3	4	4	6	2S	2	2	2	2	6	280 av.	8.2	213	Fair	Good	Fair	Fair	C2	20+	Situated on the corner of the arable land. Multi-stemmed from the base. Decay present in the base and lower stem.
T780	Fastigiate hornbeam	Young	4	1	1	1	1	0.5N	0.5	0.5	0.5	0.5	1	100	1.2	5	Good	Good	Good	Good	B1	40+	Young tree on the central reservation between the two roads. Staked young trees with potential to develop into good amenity trees and a prominent feature.
T781	Fastigiate hornbeam	Young	4	1	1	1	1	0.5N	0.5	0.5	0.5	0.5	1	75	0.9	3	Good	Good	Good	Good	B1	40+	Young tree on the central reservation between the two roads. Staked young trees with potential to develop into good amenity trees and a prominent feature.
T782	Fastigiate hornbeam	Young	4	1	1	1	1	0.5N	0.5	0.5	0.5	0.5	1	100	1.2	5	Good	Good	Good	Good	B1	40+	Young tree on the central reservation between the two roads. Staked young trees with potential to develop into good amenity trees and a prominent feature.
T783	Fastigiate hornbeam	Young	4	1	1	1	1	0.5N	0.5	0.5	0.5	0.5	1	75	0.9	3	Good	Good	Good	Good	B1	40+	Young tree on the central reservation between the two roads. Staked young trees with potential to develop into good amenity trees and a prominent feature.
T784	Fastigiate hornbeam	Young	4	1	1	1	1	0.5N	0.5	0.5	0.5	0.5	1	100	1.2	5	Good	Good	Good	Good	B1	40+	Young tree on the central reservation between the two roads. Staked young trees with potential to develop into good amenity trees and a prominent feature.
T785	Fastigiate hornbeam	Young	4	1	1	1	1	0.5N	0.5	0.5	0.5	0.5	1	75	0.9	3	Good	Good	Good	Good	B1	40+	Young tree on the central reservation between the two roads. Staked young trees with potential to develop into good amenity trees and a prominent feature.
T786	Fastigiate hornbeam	Young	4	1	1	1	1	0.5N	0.5	0.5	0.5	0.5	1	75	0.9	3	Good	Good	Good	Good	B1	40+	Young tree on the central reservation between the two roads. Staked young trees with potential to develop into good amenity trees and a prominent feature.
G787	Mixed broadleaved	Semi-mature	13	2	2	2	2	5W	6	5	6	6	35	270	3.2	33	Good	Good	Good	Good	B1	40+	Group of planted trees which creates a woodland type of environment. Potential to develop into a good amenity feature and provide good ecological value. Well-developed trees within an island. Species constitution is mainly common beech, and the occasional horse chestnut. pedunculate oak, and sycamore.

Tree ref	Tree Type	Life Stage	Height (m)	Av Crown Spread (m)				Av Crown Height (m)					No of trees or stems	Stem Diameter (mm)	Root Protection Area (RPA)		Condition				BS5837 Category	Useful remaining contribution (years)	Comment
				N	E	S	W	1st branch (m)	N	E	S	W			RPA Radius (m)	RPA (m²)	Crown	Stem	Basal Area	General Physical			
T788	Goat willow	Semi-mature	8	2.5	2.5	2.5	2.5	1S	1	1	1	1	1	300	3.6	41	Good	Good	Good	Good	C2	40+	Within an unmanaged enclosed grassland.
T789	Goat willow	Semi-mature	8	2.5	2.5	2.5	2.5	1S	1	1	1	1	1	300	3.6	41	Good	Good	Good	Good	C2	40+	Within an unmanaged enclosed grassland.
T790	Goat willow	Semi-mature	8	2.5	2.5	2.5	2.5	1S	1	1	1	1	1	300	3.6	41	Good	Good	Good	Good	C2	40+	Within an unmanaged enclosed grassland.
T791	Silver birch	Semi-mature	11	2	2	2	2	2W	2	2	2	2	1	220	2.6	22	Fair	Fair	Fair	Fair	C2	40+	Some minor deadwood in the lower crown. Situated in an enclosed unmanaged grassland.
T792	Silver birch	Semi-mature	9.5	2	2	2	2	1S	1	1	1	1	1	200	2.4	18	Good	Good	Good	Good	C2	40+	Good form and symmetrical crown. Situated in an enclosed unmanaged grassland.
T793	Silver birch	Semi-mature	9	3	2	2	2	1.5E	2	2	2	2	1	200	2.4	18	Good	Good	Good	Good	C2	40+	Good form and symmetrical crown. Situated in an enclosed unmanaged grassland.
T794	Silver birch	Semi-mature	5	2	2	2	2	1E	1	1	1	1	1	210	2.5	20	Fair	Poor	Fair	Poor	C2	10+	Top of the crown has snapped out. Situated in an enclosed unmanaged grassland.
T795	Common ash	Semi-mature	11	3	5	3	3	3.5E	2	3	3	4	1	650	7.8	191	Fair	Poor	Obscured (Ivy)	Decline	C2	10+	In a state of decline. However, is proving ecological value.
T796	Common ash	Semi-mature	10	4	7	4.5	3	2N	2	1	3	1	1	400	4.8	72	Fair	Fair	Fair	Fair	C2	20+	Exposed buttress roots on the southern side in the drainage channel. Resides on the northern side of the drainage channel.
T797	Pedunculate oak	Semi-mature	14	6	6	6	6	2N	3	2	3	2	2	660/ 330	8.9	246	Good	Good	Fair	Good	B2	40+	Resides within the drainage channel. Pruning wounds on the southern side. A good overall form.
T798	Pedunculate oak	Semi-mature	14	7	7	6	8	1.6S	3	2	4	2	4	590/ 400/ 360/ 250	10	317	Good	Good	Good	Good	B2	40+	Resides within the drainage channel. Symmetrical crown spread and an open-grown form.
T799	Goat willow	Semi-mature	9	4	4	4	4	2N	2	2	3	2	6	190 av.	5.6	98	Good	Good	Fair	Good	C2	40+	Situated partially within the drainage channel and on the northern side of the bank. Multi-stemmed from the base.
T800	Common ash	Early Mature	12	5.5	5	5	5	2.5N	3	3	3	3	1	560	6.7	142	Fair	Fair	Fair	Fair	B3	20+	Significant decay and hollowing of the main stem and larger limbs. Cavities and hollowing throughout the structure. High ecological value and bat potential. Situated on the eastern side of the drainage channel.
T801	Common ash	Semi-mature	10	3.5	3	2	2.5	1.5N	1	3	2	2	1	320	3.8	46	Fair	Fair	Fair	Fair	C2	20+	One of three trees adjacent to one another and located 2.5m from the existing track.
T802	Common ash	Semi-mature	8	4	3	1	1	1N	1	2	2	2	2	300/ 150	4	51	Fair	Poor	Fair	Fair	C2	20+	One of three trees adjacent to one another and located 2.5m from the existing track. Leader has been removed to prevent interference with overhead cables. The removal of the leader has affected the form and will hinder its development.
T803	Pedunculate oak	Young	2.5	2	2	2	2	1N	1	1	1	1	1	150	1.8	10	Good	Good	Good	Good	C2	40+	Young newly planted tree on the edge of the bank. Potential to develop into a good specimen.

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				N	E	S	W	1st branch (m)	N	E	S	W			RPA Radius (m)	RPA (m²)	Crown	Stem	Basal Area	General Physical			
T804	Pedunculate oak	Young	2.5	2	2	2	2	1N	1	1	1	1	1	110	1.3	5	Good	Good	Good	Good	C2	40+	Young newly planted tree on the edge of the bank. Potential to develop into a good specimen.
T805	Pedunculate oak	Young	2.5	2	2	2	2	1N	1	1	1	1	1	110	1.3	5	Good	Good	Good	Good	C2	40+	Young newly planted tree on the edge of the bank.
T806	Pedunculate oak	Young	3	2	2	2	2	1S	1	1	1	1	1	130	1.6	8	Good	Good	Good	Good	C2	40+	Young newly planted tree on the edge of the bank. A good form and good potential.
T807	Pedunculate oak	Young	1.5	0.5	0.5	0.5	0.5	0.25 N	0.25	0.25	0.25	0.25	1	110	1.3	5	Poor	Fair	Fair	Decline	C1	20+	Main stem has decay throughout with top snapped out. Within the embankment approximately 12m from waterbody.
T808	Pedunculate oak	Semi-mature	8	6	6	5	5	2N	3	2	4	2	1	500	6	113	Good	Good	Good	Good	B1	40+	Within the hedgerow and approximately 5m from track. Some ivy on main stem.
T809	Pedunculate oak	Semi-mature	6	5	4	4	5	1.5N	1	3	2	3	1	425	5.1	82	Good	Good	Good	Good	B2	40+	Set back by approximately 1.5m from the boundary.
T810	Common lime	Early Mature	12	2	2	3	3	3S	4	4	4	4	1	700	8.4	222	Obscured (Ivy)	Poor	Obscured (Ivy)	Dying	C1	<10	in severe decline with majority of crown form lost and deadwood in upper main stems. Ivy cover into upper remaining canopy. Diameter estimated. Set back from the road by approximately 2m.
G811	Mixed broadleaved	Semi-mature	9	2	2	2	2	0.5E	0.5	0.5	0.5	0.5	14	300	3.6	41	Fair	Fair	Fair	Fair	C1	20+	Group of young to semi-mature common ash and hawthorn, and one apple. Located adjacent to the road on the grass verge and the fence line.
T812	Common ash	Early Mature	9	4	4	5	5	2E	3	3	3	3	2	470/ 520	8.4	222	Poor	Fair	Fair	Fair	B2	10+	Wet ditch directly west with arable field approximately 10m east. Split in stem from base to approximately 0.5m. Inonotus hispidus fruiting bodies present on the stem.
T813	Common ash	Semi-mature	8	3	4	4	2	1.5S	1	1	1	2	1	415	5	78	Good	Fair	Good	Fair	C1	20+	The main leader has been heavily pruned away from telephone wire, resulting in a serious reduction in form. Approximately 1.5m from the existing access road.
T814	Common ash	Early Mature	17	6	8	7	6	4W	4	3	3	2	1	800	9.6	290	Obscured (misc.)	Good	Obscured (misc.)	Good	B1	20+	Surveyed from the adjacent footpath. Estimated dimensions. Good overall form and a prominent feature. A wound from a limb breakage is present on the northern side at 4m.
T815	Field maple	Semi-mature	8	3.5	3	4	4	2N	2	2	2	2	3	180/ 220/ 250	4.5	65	Good	Good	Good	Good	C1	40+	Behind the wooden fence and adjacent to the metal gate.
T816	Crack willow	Over Mature	5	3	3	2	3	1.5S	1	1	1	1	1	800	9.6	290	Poor	Poor	Fair	Fair	C3	10+	Heavily pruned main stem to 3m. Significant decay throughout the stem. Resides 0.5m north of the drainage channel.
T817	Crack willow	Over Mature	7	3	3	2	5	2E	1	1	1	2	1	900	10.8	366	Poor	Poor	Fair	Fair	C3	10+	Heavily pruned main stem. Significant decay throughout the stem. Resides 0.5m north of the drainage channel. Ecological value.
T818	Crack willow	Over Mature	4.5	4	2	2	6	1N	1	1	2	1	1	600	7.2	163	Poor	Poor	Poor	Decline	C3	10+	Main stem has buckled at 3m. Significant decay throughout. Resides 0.5m north of the drainage channel. Ecological value.

Tree ref	Tree Type	Life Stage	Height (m)	Av Crown Spread (m)				Av Crown Height (m)					No of trees or stems	Stem Diameter (mm)	Root Protection Area (RPA)		Condition				BS5837 Category	Useful remaining contribution (years)	Comment
				N	E	S	W	1st branch (m)	N	E	S	W			RPA Radius (m)	RPA (m²)	Crown	Stem	Basal Area	General Physical			
T819	Crack willow	Over Mature	14	6	6	7	6	3S	3	3	3	3	6	400 av.	11.8	435	Fair	Good	Fair	Fair	B3	20+	Typical form and condition of a tree of this species and age. Cavities and hollowing throughout the stem. Good physiological condition and high ecological value. Located 4m from the drainage channel.
T820	Crack willow	Over Mature	4	2	3	2	2	1N	1	1	1	1	1	900	10.8	366	Poor	Poor	Fair	Fair	C3	10+	Heavily pruned main stem to 2m. Resides 0.5m north of the drainage channel. Ecological value.
T821	Common ash	Semi-mature	11	3	3	3	3	3N	3	3	3	3	7	150 av.	4.8	71	Fair	Fair	Fair	Fair	C2	20+	Situated within the hedgerow on the eastern side of the drainage channel.
T822	Common ash	Semi-mature	10	3	3	1.5	3	3N	3	3	4	3	1	280	3.4	35	Fair	Fair	Fair	Fair	C2	20+	Asymmetric crown. Suppressed crown development on the southern side due to neighbouring tree. Within the hedgerow on the eastern side of the drainage channel.
T823	Common ash	Semi-mature	10	1.5	3	3	3	3S	4	3	3	3	1	250	3	28	Fair	Fair	Fair	Fair	C2	20+	Asymmetric crown. Suppressed crown development on the northern side due to neighbouring tree. Within the hedgerow on the eastern side of the drainage channel.
T824	Common ash	Semi-mature	12	5	4	4	4	3S	3	3	3	3	2	330/ 340	6.4	130	Obscured (Ivy)	Good	Obscured (Ivy)	Good	C2	20+	Within the hedgerow on the eastern side of the drainage channel. 0.5m from the drainage channel.
T825	Crack willow	Early Mature	9	6	7	6	6	1W	1	1	1	1	7	300 av.	9.5	285	Fair	Good	Fair	Good	B2	40+	Resides on the riverbank. Multi-stemmed from the base. Good overall form and symmetrical crown.
T826	Common ash	Semi-mature	10	3.5	3.5	3.5	3.5	3N	1	1	1	1	1	810	9.7	297	Fair	Fair	Fair	Fair	B2	10+	Large cavity at the base. *Inonotus hispidus* fruiting body on the stem at 5m. Symmetrical crown. Resides between the fields on a grass section.
T827	Crack willow	Early Mature	14	6	6	7	5	3N	3	2	2	3	1	780	9.4	275	Fair	Fair	Fair	Fair	B2	20+	Situated on the riverbank. Snapped out limb on the south-west side.
T828	Crack willow	Semi-mature	6	3	3	4	3	1N	1	1	1	1	1	330	4	49	Good	Good	Good	Good	C1	20+	On rivers edge and approximately 8m from the arable land.
T829	Crack willow	Semi-mature	13	5	6	3	4	1S	3	1	5	5	1	1100	13.2	547	Fair	Fair	Fair	Fair	C1	20+	On northern side of ditch and adjacent the fence. Previously pruned large southern facing limb. Minor deadwood throughout crown.
T830	Common ash	Semi-mature	9	3.5	3	3.5	3.5	1S	2	2	2.5	2.5	11	200 av.	8	199	Good	Good	Good	Good	C1	20+	Tree within hedgerow on the east of the ditch.
T831	Common ash	Semi-mature	9	3	3	3	3	2N	2	2	2	2	4	230/ 190/ 180/ 200	4.8	73	Good	Good	Good	Good	C1	20+	Tree within the hedgerow on the east of the ditch. Unable to access - estimated dimensions.
T832	Common ash	Veteran characteristics	9	4.5	4.5	5.5	3	1.5N	1	1	2.5	1	1	950	11.4	408	Poor	Fair	Poor	Decline	B3	10+	Main stem hollowing with significant decay from base to crown break. Long thin cavity in the main leader and large cavity in the base. High ecological value.
T833	Common ash	Early Mature	17	5	5.5	6	4	3S	3	3	3	3.5	1	900	10.8	366	Fair	Fair	Obscured (misc.)	Fair	B2	10+	Multiple woodpecker holes, minor deadwood with hanging branches in crown. Base obscured by dense bramble. Ecological features.

Tree ref	Tree Type	Life Stage	Height (m)	Av Crown Spread (m)				Av Crown Height (m)					No of trees or stems	Stem Diameter (mm)	Root Protection Area (RPA)		Condition				BS5837 Category	Useful remaining contribution (years)	Comment
				N	E	S	W	1st branch (m)	N	E	S	W			RPA Radius (m)	RPA (m²)	Crown	Stem	Basal Area	General Physical			
T834	Crack willow	Early Mature	12	7.5	6.5	5	6.5	0.5E	1	2	1	1	3	325/ 430/ 550	9.2	268	Fair	Good	Good	Good	B1	20+	Set back from the arable field by approximately 6m. Situated on the riverbank.
T835	Crack willow	Semi-mature	8	3	3.5	4	3.5	1.5N	1	1	2	1	2	450/ 500	8.1	205	Fair	Fair	Fair	Fair	C1	20+	Set back from the arable field by approximately 6m. Situated on the riverbank.
T836	Crack willow	Semi-mature	8	2	4	4	3.5	1W	1	1	2	1	1	500	6	113	Fair	Fair	Fair	Fair	C1	20+	Set back from the arable field by approximately 6m. Situated on the riverbank.
T837	Common ash	Young	5	1	2.5	1	2.5	1E	2.5	2	2.5	2.5	2	155/ 140	2.5	20	Good	Good	Fair	Good	C1	20+	Amongst the bramble scrub.
T838	Common ash	Early Mature	14	4	4	4	5	4E	4	4	5	4	1	440	5.3	88	Good	Fair	Good	Fair	B2	20+	Between the railway and the chain-link fence.
T839	Crack willow	Veteran characteristics	14	4	7	8	10	0.5W	8	2	2	1	1	1200	14.4	652	Poor	Poor	Fair	Poor	B3	10+	Collapsed form with large stem resting on the ground. Decay present in the main stem - ecological value. Adjacent to the wet drainage channel.
T840	Crack willow	Veteran	14	9	8	3	4	5E	3	3	10	10	1	1440	21.7	1486	Fair	Poor	Fair	Fair	A3	40+	Heavily pruned stem to south-west. Fork unions have hollowing between stems. Multiple cavities and decay through stems. Adjacent drainage ditch. Good ecological features.
T841	Crack willow	Veteran	14	6	10	8	3	2.5S	6	2	2	10	1	1360	20.4	1308	Fair	Poor	Fair	Fair	A3	40+	Heavily pruned stem to south-west. Multiple cavities and decay throughout the main stem. Deadwood throughout the crown. Adjacent the drainage ditch. Good ecological features.
T842	Crack willow	Over Mature	11	7	7	7	7	2N	4	4	5	5	1	1700	15	707	Fair	Poor	Fair	Fair	B3	10+	Adjacent to the drainage channel.
T843	Crack willow	Over Mature	11	10	10	2	7	2N	4	6	8	2	1	1700	15	707	Fair	Poor	Fair	Fair	B3	10+	Heavily pruned on the southern side of the crown, creating asymmetric crown form. Adjacent to the drainage channel.
T844	Pedunculate oak	Young	6	5	4	4	4	1S	2	1	2	1	1	320	3.8	46	Good	Good	Good	Good	B2	40+	Located behind a barbed-wire fence adjacent to the rail bridge. Set back from arable field by approximately 8m. Diameter estimated as unable to access.
T845	Common ash	Semi-mature	10	1	1	1	1	1N	1	1	1	1	1	220	2.6	22	Poor	Poor	Poor	Dead	U	N/A	Tall thin dead common ash approximately 2m behind a chain-link fence. Adjacent the railway and within a linear group of common ash.
T846	Hawthorn	Early Mature	6	2	2	1.5	2	1S	1	1	1	1	2	150/ 75	2	13	Fair	Fair	Fair	Fair	C2	20+	Unremarkable tree on the arable land side of the fence. 2.5m from the existing track.
T847	Common ash	Early Mature	16	5	6	4	7	3W	3	3	2	3	2	500/ 500	8.5	226	Fair	Good	Obscured (misc.)	Fair	B2	20+	On the railway embankment within a linear group of semi-mature common ash. Approximately 2m north of the fence. Appears to be in good physiological condition.
T848	Common ash	Early Mature	18	7	9	6	9	3E	5	4	4	4	6	500 av.	14.7	679	Good	Good	Obscured (misc.)	Good	B2	20+	On the railway embankment within a linear group of semi-mature common ash. Approximately 2m north of the fence. The largest specimen within the group.

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				N	E	S	W	1st branch (m)	N	E	S	W			RPA Radius (m)	RPA (m²)	Crown	Stem	Basal Area	General Physical			
T849	Common ash	Early Mature	16	6	6	6	6	4.5E	5	4	6	6	3	600/300/600	10.8	366	Fair	Fair	Obscured (misc.)	Fair	B2	20+	Approximately 2m north of the fence.
T850	Common ash	Early Mature	15	6	6	6	4	3W	4	3	3	3	3	500/500/600	11.1	389	Obscured (misc.)	Fair	Obscured (misc.)	Fair	B2	20+	Approximately 2m north of the fence. Surveyed from a distance due to restricted access in the form of impassable ground.
T851	Crack willow	Over Mature	7	3	5	2	2	1E	1	1	1	1	1	500	6	113	Poor	Poor	Fair	Decline	C2	10+	Collapsed form and heavily topped. Resides on the eastern bank of the drainage channel.
T852	Crack willow	Veteran characteristics	17	7	7	7	8	2N	2	2	2	2	2	1500/850	15	707	Good	Good	Obscured (misc.)	Good	A3	40+	A large specimen with veteran features present throughout the structure. Situated on the eastern edge of the drainage channel.
T853	Crack willow	Over Mature	4	1.5	1.5	1.5	1.5	3E	3	3	3	3	1	750	9	255	Poor	Poor	Poor	Decline	C2	<10	Pollarded to 4m. Significantly decayed throughout the stem.
T854	Crack willow	Over Mature	4	1.5	1.5	1.5	1.5	3E	3	3	3	3	1	800	9.6	290	Poor	Poor	Poor	Decline	C2	<10	Pollarded to 4m. Significantly decayed throughout the stem.
T855	Crack willow	Mature	14	8	7	5	7	3S	4	3	3	5	1	1400	15	707	Good	Fair	Good	Good	B2	20+	Heavily pruned southern co-dominant stems. Resides on the eastern edge of the drainage channel.
T856	Common ash	Semi-mature	16	4	4	4	4	7N	8	8	8	8	2	380/370	6.4	127	Good	Good	Fair	Fair	C2	20+	Resides on the western edge of the drainage channel.
T857	Common ash	Semi-mature	15	5	6	5	4	4W	6	6	6	6	3	300/270/250	5.7	102	Fair	Fair	Fair	Fair	C2	20+	Resides on the eastern edge of the drainage channel.
T858	Common ash	Semi-mature	15	4	4	5	4	3E	7	2	7	7	2	250/250	4.2	57	Fair	Fair	Fair	Fair	C2	20+	Resides on the eastern edge of the drainage channel.
T859	Common ash	Semi-mature	16	6	6	6	6	3N	3	3	3	3	2	450/270	6.3	125	Good	Good	Good	Good	C2	20+	Resides on the western edge of the drainage channel. Co-dominant stems form at 1.3m.
T860	Crack willow	Over Mature	14	8	7	3	6	3N	3	3	6	3	2	1000/600	14	615	Fair	Fair	Fair	Fair	B2	10+	Heavily pruned on the southern co-dominant stem. Deadwood present throughout the crown. Situated on the northern side of the drainage channel.
T861	Common alder	Semi-mature	13	3	1	1	3	2.5W	4	4	4	3	2	380/350	6.2	121	Fair	Poor	Fair	Decline	C2	<10	In a state of decline. Southern co-dominant stem has been removed and the remaining crown is dying back.
T862	Common ash	Early Mature	8	3	2	4	1	3.5S	3	2	3	3	1	500	6	113	Poor	Poor	Fair	Decline	C2	10+	Large limb has snapped out and significantly reduced the form of the tree. Very limited crown remaining. Resides on the edge of the drainage channel. Decay present throughout the stem. Ecological value.
T863	Common ash	Early Mature	18	8	8	7	7	2S	2	2	2	2	1	890	10.7	358	Good	Good	Good	Good	B2	40+	Situated 1m from the drainage channel. Well established and a good form. No signs of dieback present. Cavity at 3m on the western side of the stem.
T864	Common ash	Early Mature	17	6	6	6	6	2.5N	2	2	2	2	1	770	9.2	268	Good	Good	Good	Good	B2	20+	Some signs of dieback present. Detached Inonotus hispidus fruiting body on the soil next to the stem. Situated 1.5m from the drainage channel.

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				N	E	S	W	1st branch (m)	N	E	S	W			RPA Radius (m)	RPA (m²)	Crown	Stem	Basal Area	General Physical			
T865	Common ash	Early Mature	10	5	3.5	2	6	2N	2	2	2	1	1	930	11.2	391	Poor	Poor	Fair	Decline	C3	10+	Ecological value. Stem and crown have historically snapped at 3.5m and regrowth has sprouted from the remaining stem, as a result the tree has a lapsed pollard form. Significant decay present throughout the stem. Saprotrophic fungi (*Daldinia concentrica*) present on the stem.
T866	Common ash	Early Mature	14	7	5	7	7	3S	3	3	3	2	1	720	8.6	235	Good	Good	Fair	Good	B2	40+	Resides 1m south of the drainage channel and 3m from the existing access track. Appears to be in good physiological condition.
T867	Crack willow	Semi-mature	16	7	7	8	4	1S	3	2	1	1	8	200 av.	6.8	145	Fair	Good	Fair	Good	B2	40+	Multi-stemmed tree growing beside the river. Approximately 4m from the arable land.
T868	Crack willow	Semi-mature	14	5	7	7	6	2N	2	2	2	2	1	750	9	255	Fair	Good	Obscured (misc.)	Good	B2	40+	Base of the stem is obscured by bramble. Approximately 4m from the arable land. Appears to be in good physiological condition.
T869	Hawthorn	Mature	8	3	2	4	4	2S	2	2	1	2	1	300	3.6	41	Good	Good	Good	Good	B2	40+	Located on the bank of railway line and behind a fence which separates the track on the arable land from the railway bank - approximately 4m from the fence.
T870	Pedunculate oak	Early Mature	16	6	7	6	7	2W	2	4	2	2	3	600/ 550/ 680	12.1	462	Fair	Good	Fair	Good	B2	40+	Surveyed from arable land side of the fence. located on the bank of railway line and behind a fence which separates the track on the arable land from the railway bank - approximately 3m from the fence. The central stem has formed within the union of the other co-dominant stems and has become naturally braced.
T871	Pedunculate oak	Early Mature	9	5	5	5	5	2S	2	3	1	2	1	520	6.2	122	Fair	Good	Fair	Good	B2	40+	Surveyed from arable land side of the fence. Located on the bank of railway line and behind a fence which separates the track on the arable land from the railway bank - approximately 3m from the fence. The stem is leaning heavily west.
T872	Pedunculate oak	Young	4.5	2	2	2	1	1W	1	1	1	2	1	160	1.9	12	Good	Good	Good	Good	C2	40+	Growing on the fence line and on the railway side. 3m from the existing track.
G873	Scots pine	Semi-mature	14	3	3	2	2.5	4S	6	6	6	6	21	350	4.2	55	Fair	Fair	Fair	Fair	B1	20+	Mostly pine spp, with 2x young pedunculate oak situated on the outer edge of the group. Several dead stems leaning on neighbouring trees. The group borders the boundary hedge to the south and the pathway to the north.
G874	Cherry spp	Young	7	2	1	2	1	1E	1	1	1	1	22	90	1.1	4	Fair	Fair	Good	Fair	C1	20+	Tightly grouped trees with a thin form. Approximately 1m from the access track.
G875	Mixed species	Young	7	1.5	1.5	1.5	1.5	1S	1	1	1	1	28	75	0.9	3	Fair	Fair	Fair	Fair	C2	40+	Group of young pedunculate oak, sycamore, and common lime within the understory of the wooded area.
G876	Mixed broadleaved	Young	10	1.5	1.5	1.5	1.5	1W	1	1	1	1	25	100	1.2	5	Good	Fair	Good	Good	B2	40+	Species constitution includes pedunculate oak, rowan, sycamore, and common ash. Categorisation justified by this group acting as a connecting feature to the other trees within this linear treeline.

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				N	E	S	W	1st branch (m)	N	E	S	W			RPA Radius (m)	RPA (m²)	Crown	Stem	Basal Area	General Physical			
G877	English elm	Young	3.5	0.5	0.5	0.5	0.5	1.5E	1	1	1	1	35	100	1.2	5	Fair	Fair	Fair	Fair	C1	10+	Self-seeded English elm. Create a thin linear belt along the western boundary. Several small dead trees within the group and minor deadwood/dieback present throughout.
G878	Common horse chestnut	Semi-mature	5	4	4	4	4	1.5W	1.5	1.5	1.5	1.5	6	350	4.2	55	Fair	Fair	Fair	Fair	B1	40+	Group adjacent to the driveway. Eastern side of the drive and set back by approximately 2m.
G879	Common horse chestnut	Young	3	2	2	2	2	1 W	1	1	1	1	5	140	1.7	9	Fair	Good	Good	Good	B1	40+	Lining the driveway and set back by approximately 2.5m.
G880	Scots pine	Early Mature	11	4	3	3	3	5NW	9	8	9	9	4	550	6.6	137	Fair	Fair	Fair	Fair	B1	20+	One x dead standing tree to north-west of group with ecological value in form of decay/dead standing wood and woodpecker holes present. Remaining trees within the group have some old wounds and a tree on the north-east of the group has cavities and woodpecker holes.
G881	English elm	Young	7.5	1	1	1	1	1S	1	1	1	1	13	100	1.2	5	Fair	Fair	Fair	Fair	C1	10+	Young self-seeded English elm on the fence line. Some dieback present throughout the group.
G882	Mixed broadleaved	Semi-mature	10	3	3	3	3	2N	2	2	2	2	6	500	6	113	Good	Good	Good	Good	B2	40+	Mixed species group within a residential garden. Species constitution includes common ash, sycamore, common holly, and silver birch.
G883	Mixed broadleaved	Semi-mature	9	2	2	2	2	2E	2	2	2	2	16	200	2.4	18	Good	Good	Good	Good	B2	40+	Smaller group of trees surrounding larger specimens. These trees will eventually form the canopy layer of this section of the wooded strip feature.
G884	Mixed species	Mature	18	7	7	7	7	2S	2	2	2	2	40	1000	12	452	Good	Good	Good	Good	A2	40+	Group of wood pasture trees on or around the field boundary. Species includes sycamore, English elm, and pedunculate oak.
G885	Mixed broadleaved	Young	7	1.5	1.5	1.5	1.5	1S	1	1	1	1	300	100	1.2	5	Good	Good	Good	Good	B1	40+	Young, planted trees which act as a screening function to the A46. Species constitution includes hawthorn, common ash, blackthorn, sycamore, rowan, river birch, English elm, and sweet chestnut.
G886	Common beech	Young	7	2	2	2	2	2N	2	2	2	2	3	170	2	13	Good	Good	Good	Good	B1	40+	Three young trees behind a 2m high fence, 3.5m from the road. Good condition and will be a good amenity feature in the future.
G887	Black poplar	Semi-mature	17	4	3	4	3	3N	3	3	3	3	27	500	6	113	Good	Good	Good	Good	B1	40+	A great linear feature. Situated behind a 2m high fence and 3m from the road. Appear to be in good physiological condition.
G888	Mixed broadleaved	Semi-mature	8	3.5	3	3.5	3	1E	2	3.5	3.5	2	75	309	3.7	43	Fair	Fair	Good	Fair	B1	20+	Linear treeline along the access track and approximately 1m back from the access track and a drainage ditch approximately 1m north of the trees. Pruning carried out to south-eastern aspect of the canopy leaving approximate clearance of 3.5m over access road. Some younger trees scattered through the group. Some large historic pruning wounds on the side closest to access track.

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				N	E	S	W	1st branch (m)	N	E	S	W			RPA Radius (m)	RPA (m²)	Crown	Stem	Basal Area	General Physical			
G889	Mixed species	Semi-mature	12	3	3	3	3	1.5N	3	2	2	3	51	190	2.3	16	Good	Fair	Fair	Fair	B1	20+	Mixed species consisting of Scots pine, larch, silver birch, wild cherry, lime, Lombardy poplar, acer spp. Viewed from road verge so limited view and sizes estimated.
G890	Mixed broadleaved	Semi-mature	10	3	3	3	3	2N	2	2	2	2	6	300	3.6	41	Good	Good	Good	Good	B1	40+	Linear feature behind compound fence. Drainage channel 3m south of stems. Fence 6m north of stems. Constitution includes Norway maple x5 and Common lime x1.
G891	Mixed broadleaved	Semi-mature	10	3	3	3	3	2N	2	2	2	2	30	500	6	113	Good	Good	Good	Good	B1	40+	Linear group of trees parallel to the compound fence and the existing access road. A good feature with trees in an overall good physiological condition. Stems approximately 7m from the access road. Species constitution - Norway maple x 21, Common lime x3, and silver birch x6.
G892	Mixed broadleaved	Semi-mature	10	2.5	2.5	2.5	2.5	2N	3	2	2	3	23	270	3.2	33	Good	Good	Good	Good	B1	40+	Group behind a 2m high fence and a hedgerow. Located within the golf course. Species constitution includes silver birch, common ash, field maple, and Norway maple.
G893	Mixed broadleaved	Semi-mature	9	2	2	2	2	2S	2	2	2	2	25	300	3.6	41	Good	Good	Good	Good	B1	40+	Group of trees within the golf course. Species constitution includes hawthorn, silver birch, Norway maple, field maple, and common ash.
G894	Leyland cypress	Semi-mature	15	3	3	3	3	1S	1	1	1	1	3	500	6	113	Good	Good	Good	Good	B1	40+	Well established group of trees at the top of the grass bank. Good physiological condition and provides some amenity value to the area.
G895	Leyland cypress	Semi-mature	15	3	3	3	3	1S	1	1	1	1	6	300	3.6	41	Good	Good	Good	Good	B1	40+	5m from the road. Well established group of trees. Good physiological condition and provides some amenity value to the area.
G896	Mixed broadleaved	Young	8	1.5	1.5	1.5	1.5	1E	1	1	1	1	35	100	1.2	5	Fair	Fair	Fair	Fair	C1	40+	Planted group between the field and the road. Species constitution includes hawthorn, Hazel, common ash, pedunculate oak, blackthorn.
G897	Common ash	Semi-mature	9	2	2	2	2	2E	2	2	2	2	14	250	3	28	Fair	Fair	Fair	Fair	C2	20+	Group of common ash which some come from the same root stock.
G898	Common horse chestnut	Young	6	1	1	1	1	1N	1.5	1.5	1.5	1.5	100 +	110	1.3	5	Good	Fair	Good	Good	C1	40+	Screening to the field boundary and to the caravan site adjacent.
G899	Common lime	Semi-mature	9	4	4	6	5	1W	2	2	2	2	3	300	3.6	41	Fair	Good	Good	Fair	B2	40+	Epicormic growth from 0.5m up to approximately 3m on the stems. Set back from the field boundary by approximately 2m.
G900	Scots pine	Mature	14	5.5	5	5	5	2S	3	4.5	3	2	5	670	8	203	Good	Fair	Good	Good	A1	40+	Located on the field boundary adjacent to the access road/public right of way. Some minor deadwood in canopy. Prominent within the landscape.
G901	Mixed broadleaved	Semi-mature	6.5	1.5	1.5	1.5	1.5	1N	0.5	0.5	0.5	0.5	50	100	1.2	5	Good	Good	Good	Good	B1	40+	Linear hedgerow providing a screening function to the ecological assets/area behind. Species constitution includes crack willow, field maple, hawthorn, Portuguese laurel, and sycamore.

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				N	E	S	W	1st branch (m)	N	E	S	W			RPA Radius (m)	RPA (m²)	Crown	Stem	Basal Area	General Physical			
G902	Mixed broadleaved	Semi-mature	12	2	2	2	2	2N	2	2	2	2	60	200	2.4	18	Good	Good	Good	Good	B1	40+	Mixed species group constituted by a pedunculate oak and crack willow canopy layer, and a hazel, field maple, and elder understory. Good physiological condition, good amenity, and ecological value.
G903	Cherry laurel	Young	4	2	2	2	2	0.5S	0.5	0.5	0.5	0.5	20	150	1.8	10	Good	Good	Good	Good	C1	40+	Provides a screening function to the road. An evergreen amenity feature. Mostly cherry laurel and the occasional common holly.
G904	Mixed broadleaved	Semi-mature	12	2	2	2	2	2E	2	2	2	2	200	250	3	28	Fair	Fair	Fair	Fair	B1	40+	Group within the island between the A1 and the A46. Drainage channel at the bottom of the bank. Young to semi-mature trees. Species constitution includes common ash, sycamore, horse chestnut, English elm, pedunculate oak, elder, and hawthorn.
G905	Norway maple	Semi-mature	10	4	3	3	4	1E	4	3	3	3	17	300	3.6	41	Good	Fair	Fair	Fair	B1	20+	Between the footpath and the carpark and within a fenced off unmanaged sloped verge. Set back from the footpath by approximately 3m.
G906	Norway maple	Early Mature	11	4	3	4	3	3S	4	4	4	4	10	500	6	113	Good	Fair	Good	Good	B1	20+	Within the grass verge parking area. Line of pollarded trees with some decay in old pollards. Set back from the parking bays by approximately 0.5-1m.
G907	Sycamore	Semi-mature	10	3	3	3	3	3N	3	4	3	3	20	200	2.4	18	Fair	Fair	Fair	Fair	C1	20+	Adjacent the footpath and set back approximately 2m. Ivy covering the majority of the trees' stems. An understory of young pedunculate oak, hawthorn, and dog rose. Providing screening to property.
G908	Mixed species	Semi-mature	7	3	3	3	3	1N	1	1	1	1	100	150	1.8	10	Good	Good	Fair	Good	B1	40+	Mixed species group, east of drainage channel up to wire fencing for industrial unit boundary. Mostly planted young trees with occasional semi-mature white poplar on northern edge. Young trees consisting of silver birch, beech, English oak, hawthorn, field maple, sycamore and pine spp.
G909	Mixed broadleaved	Young	5	2	2	2	2	1S	0.5	0.5	0.5	0.5	25	110	1.3	5	Good	Good	Fair	Good	C1	20+	Mix of goat willow and silver birch within the embankment on highways verge.
G910	Wild cherry	Semi-mature	7	3	2.5	3	2	1S	3	3	3	3	11	325	3.9	48	Fair	Good	Fair	Fair	B1	20+	Within grass highways verge adjacent to the wooden boundary fence.
G911	Mixed broadleaved	Young	4	1	0.5	1	1	1S	1	1	1	1	50	75	0.9	3	Fair	Fair	Fair	Fair	C1	40+	Self-set goat willow, crack willow and common ash situated alongside the bank of the water body. Approximately 1m from the existing track.
G912	Common pear	Mature	10	2.5	2.5	2.5	2.5	2S	3	3	2	2	7	400	4.8	72	Fair	Good	Fair	Fair	B3	20+	A linear group of mature pear tree on the northern bank of the watercourse. Cavities and decay present throughout the stems and crowns. Provide good ecological value, habitat for various invertebrates, and food for various wildlife. Approximately 1m from the existing track.

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				N	E	S	W	1st branch (m)	N	E	S	W			RPA Radius (m)	RPA (m²)	Crown	Stem	Basal Area	General Physical			
G913	Mixed broadleaved	Early Mature	15	5	5	5	5	3S	3	3	3	3	50	350	4.2	55	Good	Good	Good	Good	B2	40+	Linear group on the northern side of the drainage channel delineating the field boundary. Species constitution includes common, hawthorn, crack willow, and pedunculate oak.
G914	Mixed broadleaved	Semi-mature	8	1.5	1.5	1.5	1.5	1S	1	1	1	1	40	140	1.7	9	Fair	Fair	Fair	Fair	C2	20+	Group of hawthorn, English elm pedunculate oak, goat willow, and silver birch. Some standing dead and declining trees are present within western section of the group.
G915	Mixed broadleaved	Young	8	2	2	2	2	1.5E	1.5	1.5	1.5	1.5	25	180	2.2	15	Fair	Fair	Fair	Fair	C2	20+	Group of young self-seeded English elm, pedunculate oak and elder.
G916	Mixed broadleaved	Semi-mature	12	2	2	2	2	2.5E	2	2.5	2	2	150	200	2.4	18	Good	Good	Good	Good	B1	40+	Young to semi-mature group situated beside the roundabout. Provides a screening function and amenity value to the area. Diverse species composition, including common ash, field maple, Norway maple, pedunculate oak, wild cherry, and sycamore.
G917	Mixed species	Young	7	1.5	1.5	1.5	1.5	1.5N	1.5	1.5	1.5	1.5	40	150	1.8	10	Good	Good	Good	Good	B1	40+	Cedar of Lebanon and field maple within the roundabout. Unable to access, surveyed from a distance.
G918	Mixed broadleaved	Young	4	1	1	1	1	1N	1	1	1	1	300	85	1	3	Good	Good	Good	Good	C1	40+	Young juvenile planted trees situated 8m from the road. Species constitution includes hawthorn, blackthorn, pedunculate oak, and field maple.
G919	Mixed broadleaved	Semi-mature	12	3	3	3	3	3N	2	2	2	2	100	350	4.2	55	Obscured (Ivy)	Fair	Obscured (Ivy)	Fair	B1	40+	Linear group providing a screening function to the A1. Sycamore canopy layer with an understory of hawthorn, field maple, and Norway maple.
G920	Mixed broadleaved	Young	4	1	1	1	1	1N	1	1	1	1	50	85	1	3	Good	Good	Good	Good	C1	40+	Young juvenile planted trees situated 8m from the road. Species constitution includes hawthorn, blackthorn, pedunculate oak, and field maple.
G921	Pedunculate oak	Early Mature	16	5	5	5	5	5N	5	5	5	5	10	550	6.6	137	Good	Good	Good	Good	A1	40+	Group of early mature pedunculate oak within the island. Group provides both a screening function and amenity value. Well established. Resides at the bottom of a bank and adjacent to a pedestrian footbridge.
G922	Mixed broadleaved	Young	4	1	1	1	1	1N	1	1	1	1	100	85	1	3	Good	Good	Good	Good	C1	40+	Young juvenile planted trees situated 8m from the road. Species constitution includes hawthorn, blackthorn, pedunculate oak, and field maple.
G923	Mixed broadleaved	Young	4	1	1	1	1	1N	1	1	1	1	60	85	1	3	Good	Good	Good	Good	C1	40+	Young juvenile planted trees situated 8m from the road. Species constitution includes hawthorn, blackthorn, pedunculate oak, and field maple.
G924	Mixed broadleaved	Semi-mature	8	2	2	2	2	0.5W	0.5	0.5	0.5	0.5	150	200	2.4	18	Good	Good	Good	Good	B1	40+	Linear group beside the A1. Proving a screening function to the road. Species constitution includes hawthorn, hornbeam, sycamore, horse chestnut, field maple, common elder,

Tree ref	Tree Type	Life Stage	Height (m)	Av Crown Spread (m)				Av Crown Height (m)					No of trees or stems	Stem Diameter (mm)	Root Protection Area (RPA)		Condition				BS5837 Category	Useful remaining contribution (years)	Comment
				N	E	S	W	1st branch (m)	N	E	S	W			RPA Radius (m)	RPA (m²)	Crown	Stem	Basal Area	General Physical			
G925	Mixed broadleaved	Young	4	1	1	1	1	1N	1	1	1	1	120	85	1	3	Good	Good	Good	Good	C1	40+	Young juvenile planted trees situated 8m from the road. Species constitution includes hawthorn, blackthorn, pedunculate oak, and field maple.
G926	Mixed broadleaved	Semi-mature	11	2.5	2.5	2.5	2.5	2N	2	2	2	2	12	250	3	28	Obscured (Ivy)	Fair	Obscured (Ivy)	Fair	C1	20+	Heavily obscured by ivy. Mixed species group beside the road and footbridge. Species constitution includes sycamore, wild cherry, and goat willow.
G927	Mixed broadleaved	Young	7	1.5	1.5	1.5	1.5	1S	1	1	1	1	30	100	1.2	5	Good	Fair	Fair	Fair	C1	20+	Mostly young trees on the edge of the island. Screening function to the property. Species includes sycamore, hawthorn, and common ash.
G928	Mixed broadleaved	Semi-mature	10	2	2	2	2	1N	1	1	1	1	9	200	2.4	18	Good	Fair	Good	Fair	C2	40+	Multi-stemmed goat willow and silver birch.
G929	Goat willow	Semi-mature	6	2	2	2	2	1N	1	1	1	1	50	150	1.8	10	Good	Fair	Good	Good	C2	40+	Linear group of trees delineating the field boundary. Mostly goat willow and the occasional silver birch, poplar, and hawthorn.
G930	Mixed broadleaved	Semi-mature	7	2	2	2	2	1N	1	1	1	1	200	100	1.2	5	Good	Fair	Good	Fair	B2	40+	Linear group delineating the field boundary. Located on the northern side of the drainage channel. Species constitution includes hawthorn, crack willow, blackthorn, and English elm.
G931	Mixed broadleaved	Semi-mature	9	2	2	2	2	1N	1	1	1	1	200	350	4.2	55	Obscured (misc.)	Fair	Obscured (misc.)	Fair	B2	40+	Mixed species linear group running through the arable land. Surveyed from a distance due to restricted access. Some larger trees within the group. Species constitution includes hawthorn, common ash, and crack willow.
G932	Mixed broadleaved	Semi-mature	8	2	2	2	2	2E	2	2	2	2	50	250	3	28	Obscured (misc.)	Good	Obscured (misc.)	Good	B2	40+	Surveyed from a distance due to restricted access. Appears to be mostly semi-mature crack willow surrounding a water body. Adjacent to the existing access track.
G933	Mixed broadleaved	Young	5	2	2	2	2	0.5N	0.5	0.5	0.5	0.5	100	100	1.2	5	Good	Good	Good	Good	B2	40+	Linear group delineating the field boundary. Drainage channel in the centre of the group. Species constitution includes hawthorn, English elm, goat willow, and pedunculate oak. Evidence of nesting birds.
G934	Goat willow	Young	4.5	2	2	2	2	1S	1	1	1	1	15	100	1.2	5	Fair	Fair	Fair	Fair	C2	20+	Young trees beside the body of water. Species constitution includes hawthorn, goat willow, and common alder.
G935	Goat willow	Young	4.5	2	2	2	2	1S	1	1	1	1	6	100	1.2	5	Fair	Fair	Fair	Fair	C2	20+	Young trees beside the body of water.
G936	Crack willow	Semi-mature	7	2	3	2	2	4N	4	4	3	4	10	350	4.2	55	Obscured (Ivy)	Fair	Obscured (misc.)	Fair	C1	20+	Majority are common ash with an understory of hawthorn. Within a hedgerow which is obscuring bases and the ivy is obscuring the stems. Some dieback within crowns. Drainage ditch directly to the west and approximately 3m back from track.

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				N	E	S	W	1st branch (m)	N	E	S	W			RPA Radius (m)	RPA (m²)	Crown	Stem	Basal Area	General Physical			
G937	Mixed species	Early Mature	14	4	4	4	4	1S	3	3	3	3	30	600	7.2	163	Good	Good	Good	Good	A1	40+	Mixed species consisting predominantly of horse chestnut, common lime, occasional Scots pine, ash, Norway maple, understory of holly and hawthorn. Set back from arable land by 6m. Linear belt providing screening for the property.
G938	Mixed broadleaved	Young	4	1	1	1	1	1W	1	1	1	1	30	75	0.9	3	Fair	Fair	Fair	Fair	C1	20+	Group of young trees adjacent to the road. Drainage channel within the group. Species constitution includes hawthorn, common ash, and goat willow.
G939	Mixed broadleaved	Young	4	1	1	1	1	1W	1	1	1	1	15	75	0.9	3	Fair	Fair	Fair	Fair	C1	20+	Group of young trees adjacent to the road. Drainage channel within the group. Species constitution includes hawthorn, common ash, and goat willow.
G940	Hawthorn	Early Mature	4	2	2	2	2	2E	2	2	2	2	25	200	2.4	18	Good	Good	Good	Good	B2	20+	Band of hawthorn surrounding a pasture field. Well established and old for their species.
G941	Mixed broadleaved	Semi-mature	10	2	2	2	2	2S	2	2	2	2	100	200	2.4	18	Good	Good	Good	Good	B2	40+	Linear group of trees adjacent to the road. Provide a screening function to the road. Trees are on the bank sloping away from the road and behind a fence separating the paddock/pasture from the road. Species constitution includes hawthorn, common ash, pedunculate oak, hazel, and field maple.
G942	Crack willow	Early Mature	19	4	4	4	4	4N	4	3	3	3	6	500	6	113	Good	Good	Obscured (misc.)	Good	B1	40+	Group of early mature trees which appear to be in good physiological condition. Approximately 4m from the road and separated from the adjacent pasture by a wooden fence.
G943	Mixed broadleaved	Semi-mature	9	2	2	2	2	1E	1	1	1	1	20	250	3	28	Good	Good	Good	Good	B2	40+	Pedunculate oak (13 trees) canopy layer and Hazel, English elm understory. Located 5m from the footpath.
G944	Mixed broadleaved	Young	7	1.5	1.5	1.5	1.5	1N	1	1	1	1	30	150	1.8	10	Fair	Fair	Fair	Fair	C1	20+	Roadside group of trees on the edge of an access road. Species constitution includes common ash, hawthorn, and silver birch.
G945	Mixed broadleaved	Young	5	1.5	1.5	1.5	1.5	1N	1	1	1	1	25	120	1.4	7	Fair	Fair	Fair	Fair	C1	20+	Group of hawthorn and common ash beside access road.
G946	Mixed broadleaved	Semi-mature	10	3	3	3	3	1N	2	2	3	2	26	500	6	113	Good	Good	Good	Good	B1	20+	Within grazed field to north of wooden fence. Approximate numbers are 9 x silver birch, 15 x common ash, 4 x field maple and an understory of blackthorn.
G947	Mixed broadleaved	Young	3	0.5	0.5	0.5	0.5	0.5S	1	1	1	1	16	75	0.9	3	Fair	Fair	Fair	Fair	C1	20+	Mix of predominantly common ash with some hawthorn. Self-set with some growing in the drainage ditch and others is adjacent the fence line. Set back from the road by approximately 4m.
G948	Common ash	Young	7	3	3	3	3	1.5S	2	2	3	2	10	180	2.2	15	Fair	Fair	Fair	Fair	C1	20+	Within the ditch and adjacent the sports ground. Approximately 4m away from carriageway.
G949	Mixed species	Young	4	1	1	1	1	0.5S	0.5	0.5	0.5	0.5	20	150	1.8	10	Good	Good	Good	Good	C2	40+	Linear group of trees on top of the northern bank sloping toward the drainage channel. Species constitution includes hawthorn and Leyland cypress.

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				N	E	S	W	1st branch (m)	N	E	S	W			RPA Radius (m)	RPA (m²)	Crown	Stem	Basal Area	General Physical			
G950	Crack willow	Early Mature	18	7	7	7	7	2W	2	2	2	2	13	800	9.6	290	Good	Good	Good	Good	B1	40+	Early mature group of crack willow residing beside the river. In good condition and provides both ecological value and amenity value to the residential properties on the opposite side of the river. Stems are approximately 1.5m from the river and 9m from the edge of the worked section of the arable land.
G951	Crack willow	Young	4	1	1	1	1	1N	1	1	1	1	10	75	0.9	3	Good	Good	Good	Good	C2	40+	Young self-seeded crack willow on the riverbank. Approximately 3.5m from the track.
G952	Crack willow	Early Mature	15	7	7	7	7	2N	2	2	2	2	4	700	8.4	222	Fair	Fair	Obscured (misc.)	Fair	B2	20+	Group within dense bramble. Situated on the riverbank, unable to access the base due to dense bramble.
G953	Mixed native	Early Mature	16	5	5	5	5	2S	2	2	2	2	5	600	7.2	163	Good	Good	Good	Good	B2	40+	Group of crack willow and common alder on the riverbank.
G954	Crack willow	Semi-mature	14	7	7	8	7	0.5W	3	2	1	2	10	400	4.8	72	Fair	Fair	Fair	Fair	C1	20+	Set back from the arable field by approximately 8m. Situated on the riverbank.
G955	Mixed broadleaved	Semi-mature	7	3.5	4	3.5	3	1.5N	1	1	1	1	10	270	3.2	33	Fair	Fair	Fair	Fair	C1	20+	Five x common alder and 3x crack willow and an understory of hawthorn. 8m from the track.
G956	Crack willow	Semi-mature	8	3.5	4	4	4	1N	1.5	1.5	1	1	20	180	2.2	15	Fair	Fair	Fair	Fair	C1	20+	Mix of young to semi-mature crack willow on the riverbank.
G957	Crack willow	Early Mature	13	7	5	7	6	1S	1	3	2	1	10	600	7.2	163	Fair	Fair	Fair	Fair	B1	20+	Located on the riverbank and 7m from the field.
G958	Mixed broadleaved	Semi-mature	6	2	1.5	0.5	2	1S	0.5	0.5	0.5	0.5	25	180	2.2	15	Poor	Poor	Fair	Poor	C1	20+	On northern side of ditch a linear group of semi-mature willow and hawthorn with southern aspect cut back away from ditch. Collapsed forms and asymmetric crowns creating gaps in group.
G959	Mixed broadleaved		3.5	0.5	1	0.5	1	1E	2	0.5	1	0.5	25	120	1.4	7	Fair	Poor	Fair	Fair	C1	20+	Mostly hawthorn with the occasional crack willow.
G960	Crack willow	Semi-mature	8	3.5	3.5	3.5	3.5	0.5N	0.5	0.5	0.5	0.5	40	150	1.8	10	Fair	Fair	Fair	Fair	C1	20+	Multi-stemmed willow on the riverbank. 6m from the field.
G961	Mixed broadleaved	Young	4	2	1.5	2	1.5	0.5N	0.5	0.5	0.5	0.5	100	100	1.2	5	Fair	Fair	Fair	Fair	C1	20+	Predominantly crack willow with the occasional young common ash. Growing within the drainage channel.
G962	Crack willow	Young	6	1.5	1.5	1.5	1.5	2.5S	1.5	1.5	1.5	1.5	35	220	2.6	22	Good	Good	Good	Good	B1	40+	Planted group of crack willow within the arable land.
G963	Crack willow	Young	9	2	2	2	2	2E	1.5	1.5	1.5	1.5	60	220	2.6	22	Good	Good	Good	Good	B1	40+	Planted group of crack willow within the arable land.
G964	Crack willow	Semi-mature	12	4	3	4	4	1N	1.5	1.5	1.5	1.5	25	550	6.6	137	Fair	Good	Obscured (misc.)	Fair	B1	20+	Snapped hanging branches. Trees set back from the arable field by approximately 6m.
G965	Mixed broadleaved	Young	6	3	3	3	3	1E	1	1	1	1	25	125	1.5	7	Fair	Fair	Fair	Fair	C2	40+	On the riverbank. Species includes common ash, common alder, and crack willow. 5m from the field.

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				N	E	S	W	1st branch (m)	N	E	S	W			RPA Radius (m)	RPA (m²)	Crown	Stem	Basal Area	General Physical			
G966	Mixed broadleaved	Young	6	3	3	3	3	1E	1	1	1	1	20	120	1.4	7	Fair	Fair	Fair	Fair	C2	40+	On the riverbank. Species includes common ash, common alder, and crack willow. 5m from the field.
G967	Mixed broadleaved	Semi-mature	9	2	2	2	2	1N	1	1	1	1	30	150	1.8	10	Good	Good	Good	Good	C1	40+	Mixed species group constituted by young to semi-mature common ash and hawthorn.
G968	Common ash	Semi-mature	11	3	2.5	3	2.5	2S	4	3	2	4	130	180	2.2	15	Fair	Fair	Fair	Fair	C1	20+	Linear belt of young and semi-mature common ash with the occasional hawthorn. Between the railway and a chain-link fence.
G969	Hawthorn	Semi-mature	4.5	1.5	2	2	1	1E	2	1	1	4	4	100	1.2	5	Fair	Fair	Fair	Fair	C1	20+	Hawthorn adjacent the drainage channel.
G970	Crack willow	Early Mature	15	6	7	6	6	1E	2	2	2	5	7	700	8.4	222	Fair	Poor	Fair	Fair	B3	10+	Collapsed forms with heavily pruned large stems. Adjacent wet drainage channel.
G971	Mixed broadleaved	Semi-mature	7	2	2	2	2	1E	1.5	1.5	1.5	1.5	15	150	1.8	10	Fair	Fair	Fair	Fair	C1	20+	Mix of common ash, crack willow and hawthorn. Willow with collapsed forms and new growth.
G972	Hawthorn	Semi-mature	4	1	0.5	1	1	1W	1	2	1	1	50	100	1.2	5	Fair	Fair	Fair	Fair	C1	20+	Hawthorn along the boundary adjacent to the drainage channel.
G973	Crack willow	Young	6	1	1	1	1	1E	2.5	2.5	2.5	2.5	100	150	1.8	10	Good	Fair	Good	Fair	C1	20+	Planted crack willow group.
G974	Crack willow	Mature	17	8	8	8	8	0.5N	4	4	4	4	20	750	9	255	Fair	Fair	Fair	Fair	A2	40+	Multi-stemmed mature crack willow; several with a collapsed form at the base. Understory of goat willow.
G975	Hawthorn	Early Mature	4.5	1	2	3	2	1S	1	1	1	1	10	190	2.3	16	Fair	Fair	Obscured (misc.)	Fair	C1	20+	Within the raised bed adjacent railway line. Base obscured by bramble - diameter estimated as unable to access. Behind the fence and set back from arable field by approximately 8m.
G976	Mixed broadleaved	Young	6	2	2	2	2	0.5N	2	2	1	2	30	150	1.8	10	Good	Fair	Good	Fair	C1	20+	Mostly young common ash with an understory of hawthorn. Adjacent to and behind the chain-link fence.
G977	Common ash	Early Mature	18	3	3	3	3	2S	2	2	2	2	45	600	7.2	163	Fair	Fair	Fair	Fair	B2	20+	A linear group of multi-stemmed common ash situated on the railway side of the fence and on the railway embankment. The trees are approximately 3m from the fence. Several of the trees have dieback present in the upper crown. Despite their declining condition this group of trees creates a good arboricultural feature.
G978	Hawthorn	Semi-mature	4	1	1	1	1	1E	1	1	1	1	20	100	1.2	5	Good	Good	Good	Good	C2	20+	Linear group on the field boundary east of the drainage channel.
G979	Crack willow	Young	5	2	2	2	2	1E	1	1	1	1	8	150	1.8	10	Fair	Fair	Fair	Fair	C2	20+	Group of young crack willow on the eastern edge of the drainage channel.
G980	Mixed native	Young	4	2	2	2	2	1E	1	1	1	1	10	150	1.8	10	Fair	Fair	Fair	Fair	C2	20+	Group of young to semi-mature hawthorn and self-seeded crack willow.

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				N	E	S	W	1st branch (m)	N	E	S	W			RPA Radius (m)	RPA (m²)	Crown	Stem	Basal Area	General Physical			
G981	Crack willow	Over Mature	13	5	5	5	5	2E	3	2	2	2	5	900	10.8	366	Poor	Fair	Poor	Decline	B2	10+	Buckled stems and heavily pruned/pollarded. Decayed present throughout all the trees. Ecological value. Resides on the eastern edge of the drainage channel.
G982	Mixed broadleaved	Semi-mature	5	2	2	2	2	1E	1	1	1	1	20	150	1.8	10	Fair	Fair	Fair	Fair	C2	20+	Young to semi-mature hawthorn and crack willow residing on the eastern edge of the drainage channel.
G983	Crack willow	Over Mature	11	5	5	5	5	1N	1	1	1	1	23	750	9	255	Poor	Poor	Poor	Decline	B2	10+	Collapsed and buckled overmature crack willow and the occasional hawthorn and semi-mature crack willow. Significant decay present throughout the overmature crack willow. Heavily pruned/pollarded. Resides on the northern side of the 2m deep drainage channel.
G984	Crack willow	Early Mature	18	6	6	6	6	2N	2	2	2	2	50	600	7.2	163	Good	Good	Good	Good	B2	40+	Crack willow residing on the riverbank and between 3m to 6m from the arable land. Canopy layer is all crack willow, and the understory is mostly self-seeded crack willow and the occasional common ash, hawthorn, and elder. All the trees appear to be in relatively good condition both structurally and physiologically.
G985	Mixed native	Early Mature	17	6	6	6	6	3E	3	3	3	3	15	700	8.4	222	Good	Good	Good	Good	B2	40+	An excellent mixed species group on the riverbank. Well established crack willow and common alder in good physiological and structural condition. A grass verge of 5.5m is between the nearest stem and the arable land.
G986	Mixed native	Early Mature	17	6	6	6	6	2E	2	2	2	2	100	700	8.4	222	Good	Good	Good	Good	B2	40+	Mixed species group on the riverbank and within a dense area of bramble. Early mature canopy layer constituted by crack willow (30) and common alder (4). Understory layer is constituted by young to semi-mature self-seeded crack willow (40), common ash (5), and common alder (20).
G987	Mixed native	Young	5	2	2	2	2	1E	1	1	1	1	16	150	1.8	10	Good	Good	Good	Good	C2	40+	Young group of trees on the riverbank and within dense bramble. Species constitution includes common alder, crack willow, and hawthorn.
G988	Mixed broadleaved	Early Mature	19	6	6	6	6	3W	3	3	3	3	30	500	6	113	Good	Good	Good	Good	B2	40+	Group of trees on the western boundary of the arable land. Adjacent to a river and in combination with the river becomes an important ecological asset. Species constitution includes semi-mature to early mature crack willow, white poplar, common ash, and goat willow.
H989	Common beech	Semi-mature	2	1	1	1	1	0.5S	0.5	0.5	0.5	0.5	150	75	0.9	3	Good	Good	Good	Good	B1	40+	Hedgerow surrounding the main residence of the property.
H990	Hawthorn	Young	1.5	1	1	1	1	0.5S	0.5	0.5	0.5	0.5	300	50	0.6	1	Good	Good	Good	Good	C2	40+	Hedgerow delineating the field boundary and the woodland strip.
H991	English elm	Semi-mature	3	2	2	2	2	0.5S	0.5	0.5	0.5	0.5	200	100	1.2	5	Good	Fair	Good	Good	B2	40+	Managed hedgerow acting as a barrier separating two areas of arable land.

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				N	E	S	W	1st branch (m)	N	E	S	W			RPA Radius (m)	RPA (m²)	Crown	Stem	Basal Area	General Physical			
H992	Mixed broadleaved	Young	2	1	0.5	0.5	0.5	0.5N	0.25	0.25	0.25	0.25	60	75	0.9	3	Fair	Fair	Fair	Fair	C1	10+	Managed hedge mostly constituted by hawthorn and some elder. Growing through the fence. Creating screening to the showground.
H993	Hawthorn	Young	2	0.5	0.25	0.5	0.25	0.5N	0.25	0.25	0.25	0.25	100	50	0.6	1	Fair	Fair	Fair	Fair	C1	10+	Provides a screening function.
H994	Hawthorn	Young	2	0.5	0.25	0.5	0.25	0.5N	0.25	0.25	0.25	0.25	150	50	0.6	1	Fair	Fair	Fair	Fair	C1	10+	Provides a screening function.
H995	Hawthorn	Semi-mature	2	1	1	1	1	0.5S	0.5	0.5	0.5	0.5	100	100	1.2	5	Good	Good	Good	Good	C1	40+	Hawthorn hedgerow delineating the field boundary and acting as a screen to the adjacent road.
H996	Hawthorn	Semi-mature	2	1	1	1	1	0.5S	0.5	0.5	0.5	0.5	75	100	1.2	5	Good	Good	Good	Good	C1	40+	Hawthorn hedgerow delineating the field boundary and acting as a screen to the adjacent road.
H997	Hawthorn	Young	1	0.5	0.5	0.5	0.5	0.25E	0.25	0.25	0.25	0.25	50	75	0.9	3	Fair	Poor	Fair	Fair	C1	10+	Poorly cut hedge adjacent the Starbucks boundary and within a grass verge.
H998	Mixed broadleaved	Young	3	1	0.5	1	0.5	0.25N	0.25	0.25	0.25	0.25	45	90	1.1	4	Fair	Fair	Fair	Fair	C1	20+	An unmanaged hedge of hawthorn, field maple, blackthorn, and hazel. Provides screening for the building. Within the grass verge and set back from carriageway by approximately 4m.
H999	Mixed broadleaved	Young	1.5	0.5	0.5	0.5	0.5	0.25S	0.25	0.25	0.25	0.25	40	75	0.9	3	Fair	Fair	Fair	Fair	C1	20+	Managed mixed hawthorn hedge with some blackthorn, rose and ivy growing within. Watercourse running parallel to hedge.
H1000	Mixed broadleaved	Young	1.5	0.5	0.5	0.5	0.5	0.25S	0.25	0.25	0.25	0.25	40	90	1.1	4	Fair	Fair	Fair	Fair	C1	20+	Managed mixed hawthorn hedge with some blackthorn, rose and ivy growing within. Watercourse running parallel to hedge.
H1001	Mixed broadleaved	Young	2	0.5	0.5	0.5	0.5	0.25S	0.25	0.25	0.25	0.25	80	90	1.1	4	Fair	Fair	Fair	Fair	C1	20+	Managed mixed hawthorn hedge with some blackthorn, rose and ivy growing within. Watercourse running parallel to hedge.
H1002	Mixed broadleaved	Early Mature	3	0.5	0.5	0.5	0.5	0.25S	0.25	0.25	0.25	0.25		120	1.4	7	Fair	Fair	Fair	Fair	C1	20+	Managed hedge constituted by mostly hawthorn. Occasional gaps are present. Drainage ditch directly south of the hedge.
H1003	Mixed broadleaved	Young	2	0.5	0.5	0.5	0.5	0.25S	0.25	0.25	0.25	0.25	45	90	1.1	4	Fair	Fair	Fair	Fair	C1	20+	Managed hedge constituted by mostly hawthorn. Occasional gaps are present. Drainage ditch directly south of the hedge.
H1004	Privet	Young	1.5	0.25	0.25	0.25	0.25	0.25W	0.25	0.25	0.25	0.25	50	75	0.9	3	Fair	Good	Fair	Fair	C1	20+	Managed hedge constituted by mostly privet with the occasional yew. Bordering the adjacent property.
H1005	Leyland cypress	Semi-mature	2	0.5	0.5	0.5	0.5	0.25W	0.25	0.25	0.25	0.25	25	150	1.8	10	Good	Good	Good	Good	C1	20+	Managed hedge. Screening for property and garden.
H1006	Mixed broadleaved	Young	1.5	0.5	0.25	0.5	0.25	0.25N	0.25	0.25	0.25	0.25	200	75	0.9	3	Fair	Fair	Fair	Fair	C1	20+	Managed hedge consisting of hawthorn, blackthorn, field maple. Water filled ditch to the south-east of the hedgerow.
H1007	Mixed broadleaved	Young	1.5	0.5	0.25	0.5	0.25	0.25N	0.25	0.25	0.25	0.25	12	75	0.9	3	Fair	Fair	Fair	Fair	C1	20+	Managed hedge consisting of hawthorn, blackthorn, field maple. Water filled ditch to the south-east of the hedgerow.

Tree ref	Tree Type	Life Stage	Height (m)	Av Crown Spread (m)				Av Crown Height (m)					No of trees or stems	Stem Diameter (mm)	Root Protection Area (RPA)		Condition				BS5837 Category	Useful remaining contribution (years)	Comment
				N	E	S	W	1st branch (m)	N	E	S	W			RPA Radius (m)	RPA (m²)	Crown	Stem	Basal Area	General Physical			
H1008	Mixed broadleaved	Young	1.5	0.5	0.25	0.5	0.25	0.25 N	0.25	0.25	0.25	0.25	200	75	0.9	3	Fair	Fair	Fair	Fair	C1	20+	Managed hedge consisting of hawthorn, blackthorn, field maple. Water filled ditch to the south-east of the hedgerow.
H1009	Mixed broadleaved	Young	1.5	0.5	0.25	0.5	0.25	0.25 N	0.25	0.25	0.25	0.25	200	75	0.9	3	Fair	Poor	Fair	Fair	C1	20+	Managed hedge consisting of hawthorn, field maple, common ash, English elm, and blackthorn. Water filled ditch adjacent to the hedgerow.
H1010	Hawthorn	Young	2	1	1	1	1	0.5W	0.5	0.5	0.5	0.5	150	75	0.9	3	Good	Good	Good	Good	C1	40+	Linear hedgerow delineating the field boundary and acting as a barrier to the adjacent road.
H1011	Hawthorn	Young	2	1	1	1	1	0.5W	0.5	0.5	0.5	0.5	150	75	0.9	3	Good	Good	Good	Good	C1	40+	Linear hedgerow delineating the field boundary and acting as a barrier to the adjacent road.
H1012	English elm	Young	3	1	1	1	1	0.5N	0.5	0.5	0.5	0.5	150	75	0.9	3	Good	Good	Good	Good	C1	40+	Linear hedgerow delineating the field boundary.
H1013	Mixed broadleaved	Semi-mature	2	1	1	1	1	0.5N	0.5	0.5	0.5	0.5	150	75	0.9	3	Good	Good	Good	Good	C1	40+	Linear hedgerow delineating the field boundary and acting as a barrier to the adjacent road. Species constitution includes hawthorn and the occasional sycamore.
H1014	Hawthorn	Young	1.5	1	1	1	1	0.2N	0.2	0.2	0.2	0.2	300	75	0.9	3	Good	Good	Good	Good	C2	40+	Hawthorn hedgerow delineating the field boundary and acting as a barrier to the road.
H1015	Hawthorn	Young	1.5	1	1	1	1	0.2N	0.2	0.2	0.2	0.2	300	75	0.9	3	Good	Good	Good	Good	C2	40+	Hawthorn hedgerow delineating the field boundary and acting as a barrier to the road.
H1016	Hawthorn	Semi-mature	3	1.5	1.5	1.5	1.5	0.5W	0.5	0.5	0.5	0.5	75	75	0.9	3	Good	Good	Good	Good	C2	40+	Hawthorn hedgerow delineating the field boundary. Drainage channel located 1m west of the hedgerow.
H1017	Hawthorn	Semi-mature	2.5	1.5	1.5	1.5	1.5	0.5S	0.5	0.5	0.5	0.5	45	100	1.2	5	Obscured (misc.)	Good	Obscured (misc.)	Good	C2	20+	Surveyed from a distance due to restricted access. Hedge delineating the field boundary.
H1018	Mixed broadleaved	Young	4	1.5	1.5	1.5	1.5	0.5N	0.5	0.5	0.5	0.5	300	90	1.1	4	Good	Good	Good	Good	C2	40+	Hedgerow delineating the field boundary and functioning as a screen to the adjacent road. Species constitution predominantly hawthorn, and the occasional pedunculate oak.
H1019	Mixed broadleaved	Semi-mature	5	1.5	1.5	1.5	1.5	0.5N	0.5	0.5	0.5	0.5	50	100	1.2	5	Good	Good	Good	Good	C2	20+	Hedgerow delineating the field boundary and acting as a barrier to the adjacent road. Species predominantly hawthorn and the occasional common ash.
H1020	Mixed broadleaved	Semi-mature	2.5	0.25	0.5	0.25	0.5	0.25 E	0.25	0.25	0.25	0.25	200	75	0.9	3	Good	Fair	Good	Good	C1	20+	Partially managed hedge with the eastern side cut and west allowed to grow, consisting of field maple, blackthorn, goat willow, common ash, and hawthorn.
H1021	Mixed broadleaved	Semi-mature	2	0.25	0.25	0.25	0.25	0.25 N	0.25	0.25	0.25	0.25	100	75	0.9	3	Fair	Poor	Fair	Fair	C1	20+	Managed hedgerow consisting of hawthorn and blackthorn.
H1022	Hawthorn	Semi-mature	1	0.25	0.25	0.25	0.25	0.25 N	0.25	0.25	0.25	0.25	8	75	0.9	3	Fair	Poor	Fair	Fair	C1	20+	Managed short section of hedgerow.
H1023	Hawthorn	Semi-mature	1	0.25	0.25	0.25	0.25	0.25 N	0.25	0.25	0.25	0.25	2	75	0.9	3	Fair	Poor	Fair	Fair	C1	20+	Managed short section of hedgerow.

Tree ref	Tree Type	Life Stage	Height (m)	Av Crown Spread (m)				Av Crown Height (m)					No of trees or stems	Stem Diameter (mm)	Root Protection Area (RPA)		Condition				BS5837 Category	Useful remaining contribution (years)	Comment
				N	E	S	W	1st branch (m)	N	E	S	W			RPA Radius (m)	RPA (m²)	Crown	Stem	Basal Area	General Physical			
H1024	Hawthorn	Young	2	0.25	0.25	0.25	0.25	0.25 N	0.25	0.25	0.25	0.25	300	75	0.9	3	Good	Fair	Good	Fair	C1	20+	Managed hedgerow approximately 2m from ditch to north-west.
H1025	Hawthorn	Semi-mature	3	0.25	0.5	0.25	0.5	0.25 W	0.25	0.25	0.25	0.25	200	120	1.4	7	Fair	Fair	Fair	Fair	C1	20+	Managed hedgerow to the east of the drainage ditch.
W1026	Mixed species	Mature	20	6	6	6	6	5S	5	5	5	5	100	800	9.6	290	Good	Good	Good	Good	A1	40+	An exceptional woodland constituted by mixed species and a variety of ages from young to mature trees with veteran features. Species including common beech, pedunculate oak, Scots pine, common holly, common ash, Sycamore, and yew. A gravel road/track runs through the centre of the woodland.
W1027	Mixed species	Mature	18	5	5	5	5	2E	2	2	2	2	100	600	7.2	163	Good	Good	Good	Good	A2	40+	Woodland strip constituted by a variety of species and ages (young - mature). Species constitution includes pedunculate oak, sycamore, wild cherry, silver birch, common beech, English elm, Norway maple, and Scots pine.
W1028	Mixed species	Semi-mature	12	2	2	2	2	2N	2	2	2	2	100	350	4.2	55	Fair	Fair	Fair	Fair	B2	40+	Mixed species woodland constituted by mostly young to semi-mature common ash, pedunculate oak, sycamore, blackthorn, hawthorn, and Scots pine. Some more mature individuals of various species are present within the group. A drainage 1m deep channel runs between the woodland and the road.
G1029	Mixed species	Semi-mature	12	2	2	2	2	2N	2	2	2	2	30	250	3	28	Good	Good	Good	Good	B2	40+	Linear ground parallel to the access road and delineating the field boundary. Approximately 3m grass verge between the stems and the road. A few of the tree's crowns overhang the road. Species constitution includes sycamore, common ash, hawthorn, common holly, and Scots pine.