TREE CONSULTANTS

ARBORICULTURAL REPORT

to BS 5837:2012 at:

Stairfoot Roundabout,
Stairfoot,
Barnsley,
S71 5DS

Prepared for: ***Barnsley Metropolitan Borough Council***

Report Date: *November 2025*

Reference: *AWA7043*

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Executive Summary

This report presents the findings of a tree survey conducted in accordance with BS 5837:2012, offering independent arboricultural advice regarding the trees in the context of potential development.

The surveyed site comprises a large multi-lane roundabout with associated road system, including paths for pedestrians and cyclists. It contains 257 tree features, including individual trees, tree groups, and hedges. The assessment categorised these as follows:

- 7 trees deemed unsuitable for retention,
- 0 trees of high value,
- 41 trees or tree groups of moderate value, and
- 209 trees or tree groups of low value.

Retention of high and moderate-value trees is advised where possible, while lower-value trees may often be removed with appropriate mitigation.

The Tree Constraints Plan, detailing root protection areas, serves as a key reference, ensuring tree protection is integrated into development design.

Contents

1. Introduction

1.1 Instructions and Brief

1.1.1 We were instructed by Barnsley Metropolitan Borough Council to visit the site and prepare our findings in a report.

1.1.2 The report is required in accordance with BS 5837:2012 *Trees in relation to design, demolition and construction – Recommendations,* to provide detailed, independent, arboricultural advice on the trees present, in the context of potential development.

1.2 Survey Details

1.2.1 The survey took place during April 2025.

1.2.2 The trees were surveyed visually from the ground using "Visual Tree Assessment" techniques and in accordance with the guiding principles of British Standard 5837:2012.

1.2.3 Any additional off-site trees that could impact a new development design have been included in the tree survey parameters.

1.2.4 The tree positions were plotted on an Ordnance Survey map base-layer using enhanced GPS technology (1-2m accuracy) and laser distance measurer.

1.2.5 This report has been prepared by Mr Adam Winson, Chartered Arboriculturist, MSc, BSc (Hons), MICFor, MArborA, Principal and Director of AWA Tree Consultants Ltd. The tree survey data collection was carried out by Sophie Beckerman, BA (Hons), Level 4 Diploma Arb, Arboriculturist at AWA Tree Consultants Ltd.

1.2.6 Full qualifications and experience are included within **Appendix 1**. Explanatory details regarding the survey methodology are included within **Appendix 2**. A full explanation of the tree data can be found at **Appendix 3**. Full details of all the trees surveyed are found in **Appendix 4**. For tree locations please refer to the Tree Constraints Plan at **Appendix 5**.

2. The Site

2.1 Location and Description

2.1.1 The site is located in Stairfoot, Barnsley, South Yorkshire.

2.1.2 It comprises the areas immediately surrounding Stairfoot Roundabout, a large multi-lane roundabout and associated road system. It includes a section of the Trans-Pennine trail, and a bridge over the roads used by pedestrians and cyclists.

2.1.3 The approximate area of the survey is highlighted in the (2023 Google Earth) image below:

3. The Trees

3.1 Legal

3.1.1 The following advice is for guidance purposes only. Some trees are protected by legislation, and it is essential that the legal status of trees is established prior to carrying out works to them. Unauthorised work to protected trees could lead to prosecution, resulting in enforcement action such as fines or a criminal record. Tree Preservation Orders, Conservation Areas, Planning Conditions, Felling Licences or Restrictive Covenants legally protect many trees in the UK.

3.1.2 An online search was undertaken with Barnsley Metropolitan Borough Council on 17/04/25 to check whether any trees at the site are protected by a Tree Preservation Order or are located within a Conservation Area. As of this date **no trees at the site are protected** by a Tree Preservation Order or are within a Conservation Area.

3.1.3 Due to the large potential penalties for illegally carrying out work to protected trees, before authorising any tree works a further check should be made with the Local Planning Authority to confirm if any trees are covered by a Tree Preservation Order or are within a Conservation Area. If either applies, then statutory permission is required before any works can take place (unless such work is approved as part of full planning permission).

3.1.4 The Multi-Agency Geographical Information for the Countryside (MAGIC) website was used to search for areas of ancient woodlands listed on the Ancient Woodland (DEFRA 2021), and a check for catalogued Ancient and Veteran trees using the woodland trust ancient tree inventory (ATI) (Woodland Trust 2021).

3.1.5 It was confirmed that there are no designated ancient woodlands or veteran or ancient trees within the survey area

3.1.6 Trees provide a wide range of habitats for many species, some of which are legally protected such as bats, nesting birds, badgers and dormice. It is essential that appropriate care is taken to ensure that this legislation is not contravened.

3.1.7 When appointing a tree surgeon, only properly qualified and experienced companies should be used, who have adequate Public Liability and Employer's Liability Insurance. All tree work should be carried out according to British Standard 3998:2010 Tree Work - Recommendations.

3.2 Tree Survey Results

3.2.1 The tree survey revealed 257 items of woody vegetation, comprised of 199 individual trees and 58 tree groups or hedges.

3.2.2 Of the surveyed trees: 7 trees are retention category 'U', 41 trees and tree groups are retention category 'B' and 209 trees, tree groups and hedges are retention category 'C' (explanatory details regarding the retention categories are included at Appendix 3).

3.2.3 Full details of the surveyed trees, tree groups and hedges are provided in the attached tree data schedule at Appendix 4. General comments are provided below:

3.2.4 The significant tree cover within the site consists mainly of early- and semi-mature tree groups. These are mainly in stretches along the disused railway track that now forms part of the Pennine Bridleway, and large groups of self-set trees with scrubby understory in the areas around the pedestrian/cycle bridges over the roads. There are also significant tree groups along the road banking. These groups are made up of a mix of species of varying age categories with the occasional larger tree situated within them.

3.2.5 Some areas of the site include carparks and road systems and as such have no tree cover.

3.2.6 Some areas surveyed have been planted up with specimen trees including the central roundabout and a park area to the Northeast of the site.

3.2.7 There are multiple low-value young to semi-mature mixed species groups on the roadside banking that provide some amenity and wildlife habitat as well as screening buildings and roads. Within these groups there are occasional trees of significant size and amenity value.

3.2.8 Species diversity at the site is relatively good. The significant trees are mostly Sweet Chestnut, Maple, Willow, Sycamore, Alder, Lime, Ash, Birch and Hawthorn.

3.2.9 T1 to T6 and T100 to T115 are predominantly semi- and early-mature planted trees bordering Wombwell Lane to the south of the site. Maple T6, Cherries T104 and T107 and Sycamore T13 have good long-term prospects and are retention category B trees. The rest of these trees are retention category C as individuals yet collectively they have a moderate level of amenity and provide some arboricultural interest against the backdrop of the retail park.

3.2.10 G12 to T32 includes groups and individual trees of low to moderate amenity value, including some more significant individual Birch, Sweet Chestnut and

an Apple. Together these form part of an important green corridor along the Pennine Bridleway and create a screen between this and the road.

3.2.11 G8 to T32, G75, G76 and G129 to T146 border the stretch of Pennine Bridleway from the southern part of the site to the pedestrian bridge over Doncaster Road. Together these form part of an important green corridor along the Pennine Bridleway and create a screen between this and the road or adjacent commercial premises. Most of these trees and tree groups are young to semi-mature and of low abroricultural and amenity value. However, occasional individual Sweet Chestnut, Birch, Beech and Norway Maple along here have good form and good long-term prospects and are retention category B. T133 is a mature multi-stemmed Sycamore that lies just beyond the site boundary, so inspection was cursory, and it was plotted approximately. It appears to have good physiological and fair structural health and is also retention category B.

3.2.12 T38 to T42 are Norway Maples bordering a pub carpark. They are all of moderate amenity value but only two of these, T41 and T42, are large enough to be considered as category B.

3.2.13 T45 to T48 and T52 to T58 are specimen plantings withing the centre of the roundabout and the road bank just north of the roundabout. These have moderate amenity value but only T45 to T47 are mature enough to be retention category B.

3.2.14 A row of planted street trees, Cherries T167 to T177 border Bleachcroft Road to the southwest of the site. These have ornamental interest and collectively have moderate amenity value, although individually they are retention category C.

3.2.15 To the west of here is a car park that was entirely inaccessible at the time of surveying. Cherries T179 to T190 are in raised planting areas within the car park. Inspection was therefore only cursory.

3.2.16 In the area to the north of the pedestrian bridge large tree groups extend along both sides of the Pennine Bridleway and down the banking to the roadsides. These include G69, G77, G78, G227, G236 and G237. Some parts of this area were inaccessible at the time of surveying due to dense undergrowth, so inspection was only cursory. Larger stems were plotted approximately within these groups. All these groups are retention category B, yet they offer some amenity and good screening from the road, and it is likely that some of the individual trees within these groups will have good long-term prospects. The more significant trees were plotted as individuals.

3.2.17 Alders T71 and T81 and Sweet Chestnut T72 are mature trees just outside these groups in a prominent position next to the Pennine Bridleway. These

offer a good level of amenity value and interest and are retention category B.

3.2.18 Norway Maples and Lime T153 to T156 are planted roadside street trees that have good physiological and structural health and offer moderate amenity to the surrounding area. They are retention category B.

3.2.19 Sycamore G159 is likely a self-set group that together form a single crown visible from the road within group G64. Individually these have limited value but as a group they have moderate amenity. G159 is retention category B.

3.2.20 Similarly, T198 to T203 are semi- to early-mature Oak, Maple and Sweet Chestnut within larger group G204, and T193 is an early-mature Norway Maple within G191. These are all visible from the road and have good long-term prospects with moderate amenity and are retention category B.

3.2.21 Sycamore T207 is within shrubby undergrowth so inspection of the base was limited. It appears to be in good physiological health and is a prominent tree on the side of Stanley Road to the west of the site, and is retention category B.

3.2.22 Norway Maples T49 and T50, Cherry T220 and Oak T223 are prominent trees surrounding the commercial premises to the northeast of stairfoot roundabout. These all have moderate amenity. Cherry T220 has only fair structural health with multiple tight unions and a dense crown which may limit its long-term prospects, however in the medium term it offers good arboricultural value and ornamental interest. These trees are retention category B.

3.2.23 Ash T224 is also a prominent tree in this area and currently appears to be in reasonable health, yet its life-expectancy is likely to be limited by Ash dieback disease and it is therefore retention category C.

3.2.24 Mature Field Maple T226 within the grounds of a Trevelodge is an excellent example of the species with good long-term prospects. It has moderate amenity value and is retention category B.

3.2.25 Narrow-leaved Ash T242 at the northern end of the site is situated at the top of roadside banking. It is visually appealing and is a prominent feature in the landscape. It has good long-term prospects and is retention category B.

3.2.26 G247 and G249 are large young to semi-mature planted woodland groups on the northern and eastern edges of a park area to the northeast of the site. Although they are still young these woodland groups have good long-term prospects and while they are of low value individually, they offer

moderate amenity collectively.

3.2.27 Along the southern and western edges of the park, T85 to T99 are specimen plantings of 'Raywood' Ash trees. These are believed to be resistant to Ash Dieback disease and if so, will have good long-term prospects and provide a good level of amenity around the perimeter of the green space adjacent to the road.

3.2.28 T63, T123, T172, T109 and T244 all show significant signs of ill health or decline, and it is recommended that these be removed regardless of development.

3.2.29 Willow T120 and Maple group G209 have significant defects and works have been recommended regardless of development.

3.2.30 The tree Root Protection Area (RPA) for each tree has been plotted as a polygon centred on the base of the stem. Due to the presence of roads, structures, topography (and past tree management) the RPA is likely to be a simplified representation of the tree roots actual morphology and disposition. However, detailed modifications to the shape of the RPA would largely be based on conjecture and so have been avoided.

3.2.31 Some lower value tree, hedge and shrub groups do not have RPAs detailed on tree plans. The detailed extent and spread of these low value groups, in conjunction with the tree schedule, is sufficient to assess the associated potential constraints.

3.3 Photographs

Photo 1: T6 from north.

Photo 2: T21 from west.

Photo 3: T41 and T42 from northwest.

Photo 4: T45, T46 and T47 from southwest.

Photo 5: T49 and T50 from south.

Photo 6: T71 from south.

Photo 1: Northern edge of T79 from north.

Photo 2: T153 to T156 from west.

Photo 3: T226 from south

Photo 4: G77 from southeast.

Photo 5: G247 from south.

Photo 6: T242 from south.

3.4 Arboricultural Development Advice

3.4.1 The higher value retention category 'A' and 'B' trees and tree groups should be retained, where possible, and incorporated into any new development design.

3.4.2 Where suitable, those category 'C' trees, tree groups and hedges with reasonable future prospects should be retained as part of any new development. However, care should be taken to avoid misplaced tree retention. Attempts to retain too many or unsuitable trees on a site can result in excessive pressure on the trees during demolition or construction work, or post-completion demands for their removal.

3.4.3 If required by the development proposals, occasional lower value, retention category 'C' trees, tree groups and hedges could be removed, and replacement planting would largely mitigate their losses.

3.4.4 The tree Root Protection Area (RPA), detailed on the Tree Constraints Plan at Appendix 5, should be used as a layout design tool, to inform on the area around a tree where the protection of the roots and soil structure is treated as a priority.

3.4.5 If construction of new buildings is required within the RPA of retained trees it may be possible to employ special foundation design such as mini/ micro pile and suspended beam foundations or cantilevered foundations.

3.4.6 Construction of hard surfaces, for drives and paths, within the RPA can have negative impacts on tree roots. However, the potential negative impacts can often be overcome or minimised by employing a 'no-dig' type construction method with a porous final surface.

3.4.7 The design of the new development should consider tree crown positions in relation to any new dwellings. The dappled shade of a tree is more pleasant than the deep shadow of a building, and some shade from trees may be beneficial. In particular, deciduous trees give shade in summer but allow access to sunlight in winter. While either shade or sunlight might be desirable, depending on the potential use of the area affected, the design should avoid unreasonable obstruction of light and should give adequate provision for future tree growth.

3.5 Recommendations

3.5.1 To promote a sustainable approach that aligns with Barnsley Metropolitan Borough Council policies and planning regulations, the following next steps are recommended:

3.5.2 The tree survey and Tree Constraints Plan (TCP) provides critical baseline information, enabling design around tree constraints and minimises potential conflicts. The report information should be used to integrate suitable trees into the site design, ensuring that trees and buildings can coexist successfully.

3.5.3 As the project design progresses, a detailed Arboricultural Impact Assessment (AIA) and Tree Impacts Plan (TIP) may be required to assess, in detail, the potential effects of the proposed development on retained trees. This assessment will also determine any necessary tree removals or pruning requirements and outline strategies to mitigate construction-related impacts.

3.5.4 Once design proposals are finalised and the arboricultural impacts have been fully assessed, the Local Planning Authority (LPA) may require a detailed Arboricultural Method Statement (AMS) and Tree Protection Plan (TPP) as part of planning permission. These documents will detail how trees will be protected and managed during development, specify the installation and maintenance of protection measures throughout the project, and provide practical guidance to ensure contractors avoid accidental tree damage during construction.

3.5.5 These steps will help safeguard retained trees while facilitating site development in accordance with BS 5837:2012 and local planning requirements.

4. Signature

I trust this report provides all the required information.

Signed

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Adam Winson, *Chartered Arboriculturist, MSc, BSc (Hons), MICFor, ACIEEM*

12th November 2025

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Our Charity Partner: Kids Plant Trees

At AWA Tree Consultants, we are proud to partner with the local charity, Kids Plant Trees. This collaboration allows us to support a cause that reflects our commitment to trees and the environment while making a positive impact on local communities.

Kids Plant Trees is a grassroots charity dedicated to improving tree equity by planting trees in underserved areas with limited green spaces, often in communities facing higher levels of deprivation.

We are proud to support their mission to create greener, healthier environments for future generations.

Appendices

Appendix 1: Authors Qualifications & Experience

Adam Winson: ***Chartered Arboriculturist, MSc, BSc (Hons), MICFor, MArborA, ACIEEM, QTRA Registered***
Adam is the company Director and Principal Consultant. He has a mix of the highest-level academic qualifications and relevant work experience. He has worked within the tree care profession for over 20 years and was awarded an MSc in Arboriculture and Urban Forestry, with distinction. Adam is a Chartered Arboriculturist and a Registered Consultant with the Institute of Chartered Foresters, a Professional Member of the Arboricultural Association and he has original research published by the UK Forestry Commission. His work ranges from individual expert tree inspections to managing trees on major infrastructure projects. His work often involves trees with preservation orders or litigation, and he has appeared as a tree expert, at planning appeal hearings up to the crown court. Adam also regularly undertakes locum Tree Officer work for several Local Planning Authorities.

James Brown: ***BSc (Hons) Arboriculture, MArborA, PTI (Lantra), QTRA Registered***
James is a highly experienced and qualified Arboricultural Consultant. He has a BSc (Hons) in Arboriculture, attaining first class honours, as well as being awarded the Institute of Chartered Foresters student award. He is a Professional Member of the Arboricultural Association, an Associate of the Institute of Chartered Foresters, and he is working towards becoming a Chartered Arboriculturist. James joined AWA in 2016, he has many years' experience as an Arboricultural Consultant, he previously worked in Europe's largest container tree nursery and he has experience of local authority Tree Officer work.

James Godfrey: ***BA (Hons), FdSc Arboriculture and Tree Management, TechArborA, PTI (Lantra), QTRA Registered***
James has had extensive arboricultural experience working as an arborist within the public and private sector. While working at AWA, James completed his FdSc in Arboriculture and Tree Management, graduating with a distinction and was also awarded for achieving the highest overall mark in his year. James has used his arboricultural knowledge to inform and carry out accurate tree surveys and produce detailed reports that aim to balance appropriate tree retention with the requirements of landowners.

Joe Thomas: ***MSci Biology, Award L4 Arboriculture, TechArborA, PTI (Lantra), QTRA Registered***
Joe achieved a first class degree in Biology with an integrated Masters (MSci) from the University of Sheffield. Additionally, he has a Level 4 Award in Arboriculture. Joe joined AWA after an Urban Forestry role with the Sheffield and Rotherham Wildlife Trust and Sheffield City Council, where he gained a variety of experience in different aspects of the arboriculture sector.

Lucy Garbutt: ***MSc, PGCert, BSc (Hons) Biology, PTI (Lantra), TechArborA, QTRA Registered***
Lucy graduated with a masters degree in Animal Behaviour from the UK's highest rated university, St Andrews of Scotland, immediately following the completion of her BSc degree in Biology from Lancaster University. Lucy has experience in botany and plant science and moved into arboriculture after previous experience of protected species and botanical surveys with a large environmental consulting company.

Sophie Beckerman: ***BA (Hons), Dip Arboriculture Level 4, PTI (Lantra), TechArborA, QTRA Registered***
Sophie has more than 10 years' experience as an arborist, working for a variety of private companies as well as undertaking tree management with Sheffield City Council Ranger Service and The Wildlife Trust. Her expertise in arboriculture is demonstrated in the practical NPTC qualifications gained, and her excellent knowledge is reflected in the L4 diploma in Arboriculture, which she completed while working. Her roles as a climbing arborist and team leader included estimating for jobs and project management, supervising tree contracting teams - ensuring that work is carried out safely and efficiently and that health and safety standards are adhered to, and risk assessments are carried out.

Ross Lane: ***FdSc Environmental Conservation, Diploma Arboriculture, TechArborA, PTI (Lantra), QTRA Registered***
Ross has a diverse background spanning horticulture, arboriculture, and ecology. Ross has extensive experience conducting surveys throughout the UK and has worked on projects of all sizes, including major infrastructure projects such as HS2.
In his previous role as a Tree Inspector at Derbyshire County Council, projects involved managing the county wide tree stock in relation to the ash dieback response and contributing to ambitious County Council targets of planting a million trees. Possessing technician-level membership with the Arboricultural Association, coupled with a comprehensive range of qualifications from tree risk assessment to habitat management, underscores Ross' dedication in professional arboriculture.

Appendix 2: Survey Methodology and Limitations of Report

The survey was undertaken in accordance with British Standard 5837:2012 *Trees in relation to design, demolition and construction – Recommendations.* The trees were assessed objectively and without reference to any proposed site layout. The trees were surveyed from the ground using 'Visual Tree Assessment' (VTA) methodology. VTA is appropriate and is endorsed by industry guidance. It is used by arboriculturists to evaluate the structural integrity of a tree, relying on observation of trees biomechanical and physiological features. Measurements are obtained using a diameter tape, clinometer, laser distometer and loggers tape. Where this is not practical measurements are estimated. Tree groups have been identified in instances as defined in BS 5837:2012. Shrubs and insignificant trees may have been omitted from the survey.

This report represents a BS 5837:2012 tree survey and should not be accepted as a detailed tree safety inspection report; however, tree related hazards are recorded and commented upon where observed, yet no guarantee can be given as to the absolute safety or otherwise of any individual tree. All recommended tree work must be to BS 3998:2010 - '*Tree Work: Recommendations'*.

The findings and recommendations contained within this report are valid for a period of twelve months from the date of survey. The author shall not be responsible for events which happen after this time due to factors which were not apparent at the time, and the acceptance of this report constitutes an agreement with these guidelines and terms.

Appendix 3: Explanation of Tree Descriptions

HEIGHT of the tree is measured from the stem base in metres. Where the ground has a significant slope the higher ground is selected.

CROWN HEIGHT is an indication of the average height at which the crown begins.

STEM DIAMETER is measured at 1.5 metres above (higher) ground level. Where the tree is multi-stemmed at this point; the diameter is measured close to ground level or else a combined stem diameter is calculated.

CROWN SPREAD is measured from the centre of the stem base to the tips of the branches in all four cardinal points.

AGE CLASS of the tree is described as young, semi-mature, early-mature, mature, or over-mature.

PHYSIOLOGICAL CONDITION is classed as good, fair, poor, or dead. This is an indication of the health of the tree and takes into account vigour, presence of disease and dieback.

STRUCTURAL CONDITION is classed as good, fair or poor. This is an indication of the structural integrity of the tree and takes into account significant wounds, decay and quality of branch junctions.

LIFE EXPECTANCY is classed as; less than 10 years, 10-20 years, 20-40 years, or more than 40 years. This is an indication of the number of years before removal of the tree is likely to be required.

Retention Categories

A (marked in green on Appendix 5) = retention most desirable. These trees are of very high quality and value with a good life expectancy.

B (marked in blue on Appendix 5) = retention desirable. These trees are of good quality and value with a significant life expectancy.

C (marked in grey on Appendix 5) = trees which could be retained. These trees are of low or average quality and value, and are in adequate condition to remain until new planting could be established.

U (marked in red on Appendix 5) = trees unsuitable for retention. These trees are in such a condition that any existing value would be lost within 10 years.

	Tree Species			Measurements				Crown (m)					Tree Condition						Value		Management
Tree ID	*Common Name*	*Latin Name*	*Maturity*	*Height (m)*	*Stems*	*Stem Diameter (mm)*	*Estimated*	*Crown height*	*N*	*E*	*S*	*W*	*Roots*	*Stem*	*Crown*	*Comments*	*Physiological*	*Structural*	*Life Expectancy*	*Amenity*	*Category*	*Works*
T1	Cherry	*Prunus sp.*	Early-mature	7	2	210 140	No	0.5	3	3.5	4.5	4.5	Exposed roots. Bark damage. Damage to buttress roots	Twin stemmed at base. Vertical. Epicormic growths. Old pruning wounds. Bark damage. Stubs. Pruning wounds from crown lifting	Minor dieback. Minor deadwood. Old pruning wounds	Crown close to contact with petrol station building. Smaller stem fused at 1m.	Good	Fair	10 to 20 yrs	Moderate	C	No works required in current site context
T2	Cherry	*Prunus sp.*	Early-mature	13	1	360	No	1.5	4	4	3.5	3	Exposed roots. Damage to buttress roots	Single stemmed. Vertical. Tight union. Partially included bark. Stubs. Old pruning wounds. Bark Bleeds	Old pruning wounds. Minor deadwood	Co-dominant stems at 1.5m with included union.	Good	Fair	10 to 20 yrs	Moderate	C	No works required in current site context
T3	Cherry	*Prunus sp.*	Semi-mature	10	1	250	No	2	1.5	2	3.5	3	Exposed roots. Damage to buttress roots. Bark damage	Single stemmed. Slight lean. Epicormic growths. Old pruning wounds. Stubs. Bark damage. Tight union	Minor deadwood. Unbalanced. Minor dieback. Old pruning wounds	Slight lean south. Crown almost in contact with petrol station building. Wound from previously torn out stem at 1.5m on eastern aspect.	Good	Fair	10 to 20 yrs	Moderate	C	No works required in current site context
T4	Cherry	*Prunus sp.*	Early-mature	12	1	320	No	2	3	3.5	2.5	5.5	Exposed roots. Damage to buttress roots. Bark damage	Single stemmed. Vertical. Bark Bleeds. Pruning wounds - healing well. Stubs	Minor dieback. Minor deadwood	Co-dominant stems at 1.8m. Tree tag 0127.	Good	Fair	10 to 20 yrs	Low	C	No works required in current site context

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	Tree Species			Measurements				Crown (m)					Tree Condition						Value		Management
Tree ID	*Common Name*	*Latin Name*	*Maturity*	*Height (m)*	*Stems*	*Stem Diameter (mm)*	*Estimated*	*Crown height*	*N*	*E*	*S*	*W*	*Roots*	*Stem*	*Crown*	*Comments*	*Physiological*	*Structural*	*Life Expectancy*	*Amenity*	*Category*	*Works*
T5	Cherry	*Prunus sp.*	Semi-mature	4.5	1	140	No	1.5	4.5	3.5	1.5	2	No visual defects	Single stemmed. Epicormic growths. Old pruning wounds. Stubs. Vertical	Minor deadwood. Minor dieback. Old pruning wounds	Main stem topped at 2m leaving misshapen crown.	Good	Fair	10 to 20 yrs	Low	C	No works required in current site context
T6	Norway Maple	*Acer platanoides*	Early-mature	14	1	450	No	1.5	7	7	5.5	5.5	No visual defects	Single stemmed. Slight lean. Old pruning wounds. Stubs. Tight union	Old pruning wounds. Minor deadwood	Slight lean northeast. On banking.	Good	Good	>40 yrs	Moderate	B	No works required in current site context
T7	Rowan	*Sorbus aucuparia*	Semi-mature	7	1	250	Yes	0.5	3	3	3	3	Limited access around base	Single stemmed. Ivy covered	Ivy covered	Very Ivy covered. Ivy prevented detailed inspection. In contact with utility pole to north and fence to west.	Fair	Fair	10 to 20 yrs	Low	C	No works required in current site context
G8	Birch, Willow, Alder, Hawthorn, Blackthorn	*Betula sp., Salix sp., Alnus sp., Crataegus sp., Prunus sp.*	Semi-mature	16	10+	200 avg	Yes	1	See plans				Woodland group of predominantly semi-mature Birch with some Willow, Alder, Hawthorn and Blackthorn contiuning away from site. Overhanging path to northwest.				Fair	Fair	>40 yrs	Low	C	No works required in current site context
T9	Birch	*Salix sp.*	Early-mature	18	1	320	No	3	3	3	3	3	No visual defects	Single stemmed. Vertical	Minor deadwood. Tight unions	Good form. In woodland group.	Good	Good	>40 yrs	Low	C	No works required in current site context

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	Tree Species			Measurements				Crown (m)						Tree Condition					Value		Management
Tree ID	*Common Name*	*Latin Name*	*Maturity*	*Height (m)*	*Stems*	*Stem Diameter (mm)*	*Estimated*	*Crown height*	*N*	*E*	*S*	*W*	*Roots*	*Stem*	*Crown*	*Comments*	*Physiological*	*Structural*	*Life Expectancy*	*Amenity*	*Category*	*Works*
G10	Goat Willow, Hazel	*Salix sp., Corylus sp.*	Early-mature	10	10+	300 avg	Yes	0	See plans				Multi-stemmed Goat Willow some young Hazel. Some failed stems. overhanging path. Continuing away from site.				Fair	Fair	20 to 40 yrs	Low	C	No works required in current site context
G11	Amelanchier, Cherry, Hazel, Elder	*Amelanchier sp., Prunus sp., Corylus sp., Sambucus sp.*	Young	5	10+	80 avg	Yes	1	See plans				Group of Amelachier with occasional young Cherry, Hazel and Elder overhanging path.				Good	Good	>40 yrs	Low	C	No works required in current site context
G12	Grey Alder, Goat Willow	*Alnus sp., Salix sp.*	Semi-mature	15	10+	200 avg	Yes	2	See plan				Dense woodland type group of predominantly semi-mature Grey Alder with some Goat Willow. Lots of dieback and standing dead. Dense understory of suckers and Elder shrubs. Limited access prevented detailed inspection.				Fair	Fair	20 to 40 yrs	Low	C	No works required in current site context
T13	Birch	*Betula pendula*	Semi-mature	20	1	300	Yes	5	5	5	5	5	Limited access around base	Single stemmed. Vertical	Minor deadwood	Good form. In woodland group.	Good	Good	20 to 40 yrs	Moderate	B	No works required in current site context
G14	Willow, Alder, Hazel	*Salix sp. Alnus sp. Corylus avellana*	Semi-mature	5	10+	70 avg	Yes	5	See plan				Group of Goat Willow, Alder, Hazel and Dogwood with shrubby understory. Limited access prevented detailed inspection.				Fair	Fair	20 to 40 yrs	Moderate	C	No works required in current site context

AWA TREE CONSULTANTS

	Tree Species			Measurements				Crown (m)					Tree Condition						Value		Management
Tree ID	*Common Name*	*Latin Name*	*Maturity*	*Height (m)*	*Stems*	*Stem Diameter (mm)*	*Estimated*	*Crown height*	*N*	*E*	*S*	*W*	*Roots*	*Stem*	*Crown*	*Comments*	*Physiological*	*Structural*	*Life Expectancy*	*Amenity*	*Category*	*Works*
T15	Hazel	*Corylus avellana*	Semi-mature	5	10+	70 avg	Yes	0.5	2	2	2	2	Limited access around base	Multiple stemmed at base. Epicormic growths	Normal	Multi stemmed Hazel. Dense undergrowth partially prevented detailed inspection.	Good	Good	20 to 40 yrs	Low	C	No works required in current site context
T16	Sweet Chestnut	*Castanea sativa*	Semi-mature	7	3	210 230 280	No	2	4	3.5	4	4	No visual defects	Multiple stemmed at base. Epicormic growths. Old pruning wounds. Minor cavities. Partially included bark	Minor deadwood. Minor dieback	Within shrubby understory.	Good	Fair	>40 yrs	Moderate	B	No works required in current site context
T17	Sorbus	*Sorbus sp.*	Semi-mature	5	2	80 120	Yes	2	2	1.5	2	2	Limited access around base	Twin stemmed at 1m. Vertical	Normal	Growing within shrubby boundary line Limited access prevented details inspection of base and stem.	Good	Good	20 to 40 yrs	Low	C	No works required in current site context
T18	Sweet Chestnut	*Castanea sativa*	Semi-mature	8	1	270	No	1.5	3.5	3.5	3.5	3.5	No visual defects	Single stemmed. Vertical	Minor dieback. Minor deadwood	Within shrubby understory	Good	Good	>40 yrs	Moderate	B	No works required in current site context

AWA TREE CONSULTANTS

	Tree Species			Measurements				Crown (m)					Tree Condition						Value		Management
Tree ID	*Common Name*	*Latin Name*	*Maturity*	*Height (m)*	*Stems*	*Stem Diameter (mm)*	*Estimated*	*Crown height*	*N*	*E*	*S*	*W*	*Roots*	*Stem*	*Crown*	*Comments*	*Physiological*	*Structural*	*Life Expectancy*	*Amenity*	*Category*	*Works*
T19	Apple	*Malus domestica*	Semi-mature	5	6	130 avg	No	1	0.5	2	3.5	2	No visual defects	Multiple stemmed at base. Epicormic growths. Pruning wounds from crown lifting. Tight union. Minor decay	Old pruning wounds. Cavities. Minor dieback. Moderate deadwood	Road and pavement to southwest. Moderate deadwood. Low hanging branches over pavement to southwest.	Fair	Fair	10 to 20 yrs	Low	C	No works required in current site context
T20	Elder	*Sambucus nigra*	Semi-mature	6	6	80 avg	Yes	2	2	2	2	2	No visual defects	Multiple stemmed at base	Moderate dieback. Minor deadwood. Old pruning wounds	Road and pavement to southwest. Moderate deadwood. Low hanging branches over pavement to southwest.	Fair	Fair	10 to 20 yrs	Low	C	No works required in current site context
T21	Apple	*Malus domestica*	Mature	7	1	480	No	1.5	4.5	4.5	4	4	No visual defects	Single stemmed. Epicormic growths. Old pruning wounds. Stubs. Tight union. Partially included bark. Minor cavities. Minor decay	Minor dieback. Moderate deadwood	Road and pavement to southwest. Crown raised over road. Lower crown over pavement mostly dead.	Fair	Fair	20 to 40 yrs	Moderate	C	No works required in current site context
G22	Elder, Apple	*Sambucus nigra, Malus domestica*	Semi-mature	5	6	150 avg	Yes	0.5	See plan				Group of Elder and Apple. Pavement 1m to southwest.				Fair	Fair	10 to 20 yrs	Low	C	No works required in current site context

AWA TREE CONSULTANTS

	Tree Species			Measurements				Crown (m)					Tree Condition					Value		Management
Tree ID	*Common Name*	*Latin Name*	*Maturity*	*Height (m)*	*Stems*	*Stem Diameter (mm)*	*Estimated*	*Crown height*	*N*	*E*	*S*	*W*	*Roots*	*Stem*	*Crown*	*Comments*	*Physiological*	*Structural*	*Life Expectancy*	*Amenity*	*Category*	*Works*
T23	Apple	*Malus domestica*	Early-mature	5	2	180 220	No	2	1	1	4	4	Ground level changes	Twin stemmed at 0.5m. Slight lean. Old pruning wounds. Stubs. Pruning wounds from crown lifting. Minor cavities. Minor decay	Moderate deadwood	Overhanging onto pavement and road. Pavement 1.5m to southwest. Signs of possible ground heave to east. Deadwood over pavement.	Fair	Fair	10 to 20 yrs	Low	C	No works required in current site context
T24	Sweet Chestnut	*Castanea sativa*	Semi-mature	8	4	200 100 200 350	Yes	1	4	4	4	4	Limited access around base	Multiple stemmed at base. Epicormic growths	Minor dieback. Minor deadwood	Dense understory prevented detailed inspection	Good	Good	>40 yrs	Moderate	B	No works required in current site context
G25	Sweet Chestnut, Ash, Willow	*Castanea sativa, Fraxinus excelsior, Salix sp.*	Semi-mature	8	10+	250 avg	Yes	1.5	See plan				Group of Sweet Chestnut, Ash and Willow in dense understory. One smaller dead stem on Sweet Chestnut. Dense understory prevented detailed inspection.				Fair	Fair	20 to 40 yrs	Moderate	B	No works required in current site context
G26	Cherry Laurel	*Prunus laurocerasus*	Semi-mature	6	10+	70 avg	Yes	0	See plan				Laurel group trimmed away from footpath on north east side. Limited access prevented detailed inspection.				Fair	Fair	20 to 40 yrs	Low	C	No works required in current site context
G27	Hawthorn	*Crataegus monogyna*	Semi-mature	6	6	200 avg	Yes	0.5	See plan				Hawthorn group in shrubby understory. Limited access prevented detailed inspection.				Fair	Fair	20 to 40 yrs	Low	C	No works required in current site context

	Tree Species			Measurements				Crown (m)					Tree Condition						Value		Management
Tree ID	*Common Name*	*Latin Name*	*Maturity*	*Height (m)*	*Stems*	*Stem Diameter (mm)*	*Estimated*	*Crown height*	*N*	*E*	*S*	*W*	*Roots*	*Stem*	*Crown*	*Comments*	*Physiological*	*Structural*	*Life Expectancy*	*Amenity*	*Category*	*Works*
T28	Ash	*Fraxinus excelsior*	Semi-mature	7	1	230	No	2	3	3.5	2.5	2.5	Exposed roots	Single stemmed. Vertical. Old pruning wounds	Minor dieback. Minor deadwood	Road and pavement to southwest.	Fair	Good	<10 yrs	Low	C	No works required in current site context
T29	Sweet Chestnut	*Castanea sativa*	Semi-mature	8	1	270	No	1.5	3	3	3	3	No visual defects	Single stemmed. Vertical. Old pruning wounds. Epicormic growths. Stubs	Minor deadwood	Within shrubby understory.	Good	Good	>40 yrs	Moderate	B	No works required in current site context
T30	Sweet Chestnut	*Castanea sativa*	Semi-mature	8	5	200 220 150 150 190	No	1.5	4	3.5	4	4	No visual defects	Multiple stemmed at base. Tight union. Partially included bark	Minor dieback	Within shrubby understory.	Good	Good	>40 yrs	Moderate	B	No works required in current site context
G31	Goat Willow	*Saix caprea*	Early-mature	13	6	220 avg	Yes	2	6	6	6	6	Increase in soil level	Multiple stemmed at base. Old pruning wounds. Stubs. Tight union	Minor deadwood. Stubs	Soil piled at base. Crown in contact with metal fence. Overhanging industrial site to southwest and path to northeast.	Good	Fair	20 to 40 yrs	Low	C	No works required in current site context
T32	Hawthorn	*Crataegus monogyna*	Semi-mature	5	1	220	No	1.5	3	2	2	2.5	Limited access around base	Single stemmed. Vertical. Epicormic growths. Old pruning wounds. Stubs. Tight union	Minor deadwood	Crown raised form path to northeast.	Good	Good	20 to 40 yrs	Moderate	C	No works required in current site context

AWA TREE CONSULTANTS

	Tree Species			Measurements				Crown (m)					Tree Condition						Value		Management
Tree ID	*Common Name*	*Latin Name*	*Maturity*	*Height (m)*	*Stems*	*Stem Diameter (mm)*	*Estimated*	*Crown height*	*N*	*E*	*S*	*W*	*Roots*	*Stem*	*Crown*	*Comments*	*Physiological*	*Structural*	*Life Expectancy*	*Amenity*	*Category*	*Works*
T33	Cherry	*Prunus sp.*	Semi-mature	3	3	160 70 70	No	1.5	1.5	1	1	1	No visual defects	Multiple stemmed. at base. Stubs. Pruning wounds - healing poorly with some decay. Bark damage. Minor cavities. Major decay	50% dead/ absent. Old pruning wounds. Cavities. Major dieback. Minor deadwood	Crown mostly dead. Unsuitable for retention regardless of development.	Poor	Poor	<10 yrs	Low	U	No works required in current site context
G34	Cherry, Hawthorn	*Prunus sp., Crataegus sp.*	Semi-mature	9	10+	200 avg	Yes	1.5	See plan				Group of mostly Cherry with some Hawthorn in shrubby understory. Provides screening from industrial site. Low crown over pavement and road to south west. Limited access prevented detailed inspection.				Fair	Fair	20 to 40 yrs	Moderate	C	No works required in current site context
T35	Cherry	*Prunus sp.*	Semi-mature	7	5	100 80 130 110 110	No	2	4	3	3	2.5	No visual defects	Multiple stemmed at 0.5m. Epicormic growths. Old pruning wounds. Bark damage. Tight union. Bark Bleeds. Stubs	Minor dieback. Minor deadwood. Old pruning wounds	Almost in contact with building to southeast. Has been pruned away from building and pavement. In contact with utility pole to north.	Fair	Fair	10 to 20 yrs	Low	C	No works required in current site context
G36	Cherry	*Prunus sp.*	YOung	5	7	70 avg	Yes	1	See plan				Group of young Cherry trees growing over pavement to north west. In contact with buiding to north east. Limited access prevented detailed inspection.				Fair	Fair	20 to 40 yrs	Low	C	No works required in current site context

AWA TREE CONSULTANTS

	Tree Species			Measurements				Crown (m)					Tree Condition						Value		Management
Tree ID	*Common Name*	*Latin Name*	*Maturity*	*Height (m)*	*Stems*	*Stem Diameter (mm)*	*Estimated*	*Crown height*	*N*	*E*	*S*	*W*	*Roots*	*Stem*	*Crown*	*Comments*	*Physiological*	*Structural*	*Life Expectancy*	*Amenity*	*Category*	*Works*
T37	Norway Maple	*Acer platanoides*	Semi-mature	5	1	170 avg	No	2	2	2	2	1.5	No visual defects	Single stemmed. Vertical. Old pruning wounds. Stubs	Old pruning wounds. Minor dieback. Minor deadwood	Wall immediately to northeast.	Good	Good	20 to 40 yrs	Moderate	C	No works required in current site context
T38	Norway Maple	*Acer platanoides*	Semi-mature	5	1	190	No	2	2	1.5	1.5	0.5	No visual defects	Single stemmed. Vertical. Old pruning wounds. Stubs. Epicormic growths	Minor dieback	Wall immediately to northeast.	Good	Good	20 to 40 yrs	Moderate	C	No works required in current site context
T39	Norway Maple	*Acer platanoides*	Semi-mature	5	3	130 110 170	No	2	2.5	2.5	2.5	3	No visual defects	Single stemmed. Vertical. Old pruning wounds. Stubs. Epicormic growths	Minor dieback	Wall immediately to north east. Rubber tree tie embedded in stem at 0.5m.	Good	Good	20 to 40 yrs	Moderate	C	No works required in current site context
T40	Norway Maple	*Acer platanoides*	Semi-mature	7	1	310	No	1.5	4	4	4	4	No visual defects	Single stemmed. Vertical. Old pruning wounds. Stubs. Epicormic growths	Minor dieback	Wall immediately to north east. Rubber tree tie embedded in stem at 1.5m.	Good	Good	20 to 40 yrs	Moderate	C	No works required in current site context
T41	Norway Maple	*Acer platanoides*	Semi-mature	7	1	280	No	1.5	4	3.5	3.5	4	No visual defects	Single stemmed. Vertical. Old pruning wounds. Stubs	Old pruning wounds. Minor deadwood	Wall 0.5m to southeast.	Good	Good	20 to 40 yrs	Moderate	B	No works required in current site context

AWA TREE CONSULTANTS

	Tree Species			Measurements				Crown (m)					Tree Condition						Value		Management
Tree ID	*Common Name*	*Latin Name*	*Maturity*	*Height (m)*	*Stems*	*Stem Diameter (mm)*	*Estimated*	*Crown height*	*N*	*E*	*S*	*W*	*Roots*	*Stem*	*Crown*	*Comments*	*Physiological*	*Structural*	*Life Expectancy*	*Amenity*	*Category*	*Works*
T42	Norway Maple	*Acer platanoides*	Semi-mature	7	2	280 260	No	3	4	3.5	3	4	No visual defects	Twin stemmed at base. Old pruning wounds. Stubs. Tight union. Partially included bark	Minor dieback. Minor deadwood	Wall 0.5m to southeast. 1 stem leans over car park to northwest. Container situated below on RPA to west.	Good	Fair	20 to 40 yrs	Moderate	B	No works required in current site context
G43	Ash, Alder, Hawthorn, Goat Willow	*Fraxinus sp., Alnus sp., Crataegus sp., Salix sp.*	Young	7	10+	80 avg	Yes	1	See plan				Occasional young Ash, Alder, Hawthorn and Goat Willow within dense shrubby undergrowth. Some overhanging pavement. Limited access prevented detailed inspection.				Fair	Fair	20 to 40 yrs	Low	C	No works required in current site context
G44	Cherry, Alder, Willow, Hawthorn, Elder	*Prunus sp., Alnus sp., Salix sp., Crataegus sp., Sambucus sp.*	Semi-mature	10	10+	200 avg	Yes	1.5	See plan				Group of predominantly Alder on roadside banking. Overhanging pavement to northwest. Limited access prevented detailed inspection.				Fair	Fair	20 to 40 yrs	Low	C	No works required in current site context
T45	Lime	*Tilia sp.*	Early-mature	8	1	320	No	2	4	4	4	4	Limited access around base	Single stemmed. Vertical. Old pruning wounds. Minor cavities. Epicormic growths	Normal. Old pruning wounds	On banking. Epicormic growth around base prevented detailed inspection. Overhanging pavement to south.	Good	Good	20 to 40 yrs	Moderate	B	No works required in current site context
T46	Rowan	*Sorbus aucuparia*	Early-mature	5	1	240	No	2	3	3.5	3	2	No visual defects	Single stemmed. Slight lean. Old pruning wounds. Epicormic growths. Bark damage. Mower damage. Minor decay	Minor deadwood. Minor dieback. Old pruning wounds	Bark damage around base of stem. Slight lean to east. Overhanging pavement to south.	Fair	Fair	10 to 20 yrs	Moderate	B	No works required in current site context

AWA TREE CONSULTANTS

	Tree Species			Measurements				Crown (m)					Tree Condition						Value		Management
Tree ID	*Common Name*	*Latin Name*	*Maturity*	*Height (m)*	*Stems*	*Stem Diameter (mm)*	*Estimated*	*Crown height*	*N*	*E*	*S*	*W*	*Roots*	*Stem*	*Crown*	*Comments*	*Physiological*	*Structural*	*Life Expectancy*	*Amenity*	*Category*	*Works*
T47	Rowan	*Sorbus aucuparia*	Early-mature	6	1	220	No	2	2.5	2.5	3	3	No visual defects	Single stemmed. Vertical. Bark damage. Mower damage	Minor deadwood	2 co-dominant stems at 2m with tight union but possible supporting branch above.	Good	Fair	20 to 40 yrs	Moderate	B	No works required in current site context
T48	Rowan	*Sorbus aucuparia*	Early-mature	5	1	230	No	3	1.5	2.5	2.5	2	No visual defects	Single stemmed. Vertical. Bark damage. Minor decay	All dead/ absent	Dead. Unsuitable for retention in current site context.	Dead	Dead	n/a	Dead	U	No works required in current site context
T49	Norway Maple	*Acer platanoides*	Semi-mature	10	1	420	No	2.5	5	5.5	5	5	Limited access around base	Single stemmed. Vertical. Ivy covered	Minor deadwood. Moderate dieback. Ivy covered	Ivy prevented detailed inspection. Overhanging pavement to south and park bench to east.	Good	Good	>40 yrs	Moderate	B	No works required in current site context
T50	Norway Maple	*Acer platanoides*	Semi-mature	9	1	470	No	2	5	4.5	4.5	4	No visual defects	Single stemmed. Vertical. Ivy covered	Ivy covered. Minor deadwood	Overhanging pavement to south. Carpark 0.5m to north.	Good	Good	>40 yrs	Moderate	B	No works required in current site context
T51	Whitebeam	*Sorbus aria*	Early-mature	6	1	280	No	2	3	3	2.5	0.5	Limited access around base	Single stemmed. Slight lean. Ivy covered	Ivy covered	Ivy prevented detailed inspection. Slight lean to east.	Good	Fair	10 to 20 yrs	Low	C	No works required in current site context

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	Tree Species			Measurements				Crown (m)					Tree Condition						Value		Management
Tree ID	*Common Name*	*Latin Name*	*Maturity*	*Height (m)*	*Stems*	*Stem Diameter (mm)*	*Estimated*	*Crown height*	*N*	*E*	*S*	*W*	*Roots*	*Stem*	*Crown*	*Comments*	*Physiological*	*Structural*	*Life Expectancy*	*Amenity*	*Category*	*Works*
T52	Birch	*Betula pendula*	Young	7	1	130	No	1	2	2	2	2	No visual defects	Single stemmed. Vertical	Normal	Planted tree	Good	Good	20 to 40 yrs	Moderate	C	No works required in current site context
T53	Birch	*Betula pendula*	Young	7	1	130	No	1.5	1.5	2	1.5	1.5	No visual defects	Single stemmed. Vertical. Old pruning wounds	Normal	Planted tree	Good	Good	20 to 40 yrs	Moderate	C	No works required in current site context
T54	Birch	*Betula pendula*	Young	5	1	90	No	2	1	1.5	1.5	1	No visual defects	Single stemmed. Mower damage. Tight union. Slight lean	Normal	Planted tree. Slight lean to south east.	Good	Good	20 to 40 yrs	Moderate	C	No works required in current site context
T55	Birch	*Betula pendula*	Young	7	1	130	No	1	2	2	2	2	No visual defects	Single stemmed. Slight lean. Old pruning wounds	Normal	Planted tree. Slight lean to south east.	Good	Good	20 to 40 yrs	Moderate	C	No works required in current site context
T56	Birch	*Betula pendula*	Young	6	1	110	No	1	2	2	2	2	No visual defects	Single stemmed. Vertical. Mower damage	Normal	Planted tree. Tree tie and stake still attached at 0.5m.	Good	Good	20 to 40 yrs	Moderate	C	No works required in current site context

	Tree Species			Measurements				Crown (m)					Tree Condition						Value		Management
Tree ID	*Common Name*	*Latin Name*	*Maturity*	*Height (m)*	*Stems*	*Stem Diameter (mm)*	*Estimated*	*Crown height*	*N*	*E*	*S*	*W*	*Roots*	*Stem*	*Crown*	*Comments*	*Physiological*	*Structural*	*Life Expectancy*	*Amenity*	*Category*	*Works*
T57	Rowan	*Sorbus aucuparia*	Young	4	1	140	No	1.5	2	2	2	2	No visual defects	Single stemmed. Vertical. Old pruning wounds. Bark damage. Mower damage. Minor decay	Normal	Planted tree. Bark damage at base of stem.	Good	Fair	20 to 40 yrs	Moderate	C	No works required in current site context
T58	Rowan	*Sorbus aucuparia*	Young	5	1	140	No	2	2	2	2	2	No visual defects	Single stemmed. Vertical. Stubs	Snapped/ hanging branches	Planted tree. Hanging branch at 2m.	Good	Good	20 to 40 yrs	Moderate	C	No works required in current site context
T59	Goat Willow	*Salix caprea*	Early-mature	4	10+	100 avg	Yes	0.5	3	3	3	3	Limited access around base	Multiple stemmed at 0.5m. Stubs. Old pruning wounds	Minor dieback. Minor deadwood	Undergrowth prevented detailed inspection. Planting fibre around base.	Fair	Fair	10 to 20 yrs	Low	C	No works required in current site context
T60	Birch	*Betula pendula*	Semi-mature	6	2	160 80	No	1	2	3	2	2	Limited access around base	Twin stemmed at base. Slight lean. Old pruning wounds	Minor deadwood. Slightly unbalanced	Slight lean over busy road to north. Planting fibre at base.	Good	Fair	10 to 20 yrs	Moderate	C	No works required in current site context
G61	Plum	*Prunus cerasifera*	Semi-mature	8	10+	100 avg	Yes	1	See plan				Group of Plums in shrubby undergrowth. Limited access prevented detailed inspection.				Fair	Fair	20 to 40 yrs	Moderate	C	No works required in current site context

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	Tree Species			Measurements				Crown (m)					Tree Condition					Value		Management
Tree ID	*Common Name*	*Latin Name*	*Maturity*	*Height (m)*	*Stems*	*Stem Diameter (mm)*	*Estimated*	*Crown height*	*N*	*E*	*S*	*W*	*Roots*	*Stem*	*Crown*	*Comments*	*Physiological*	*Structural*	*Life Expectancy*	*Amenity*	*Category*	*Works*
G62	Plum	*Prunus cerasifera*	Semi-mature	5	10+	80	Yes	1	See plan				Group of Plums in shrubby undergrowth. Limited access prevented detailed inspection.				Fair	Fair	20 to 40 yrs	Moderate	C	No works required in current site context
T63	Ash	*Fraxinus excelsior*	Semi-mature	6	1	100	Yes	4	3.5	2	2	2.5	Limited access around base	Single stemmed. Slight lean. Ivy covered	50% dead/ absent. Moderate deadwood. Moderate dieback. Ivy covered	Ivy clad Ash. Moderate dieback in crown. Leaning over pavement and road to north.	Poor	Poor	<10 yrs	Low	U	Removal recommended regardless of development
G64	Sycamore, Ash, Hawthorn	*Acer sp., Fraxinus sp., Crataegus sp.*	Semi-mature	12	10+	200 avg	Yes	1.5	See plan				Young Ash and Sycamore with understory of Hawthorn. Dense shrubby undergrowth. Group continues up bank. In contact with sign and utility pole to north west. Undergrowth prevented detailed inspection.				Fair	Fair	20 to 40 yrs	Low	C	No works required in current site context
T65	Norway Maple	*Acer platanoides*	Semi-mature	7	1	180	Yes	1	2.5	3	3	2.5	Limited access around base	Single stemmed. Vertical	Normal	Dense shrubby undergrowth prevented detailed inspection. Plotted approximately. Pavement to south east.	Good	Good	20 to 40 yrs	Moderate	C	No works required in current site context
T66	Alder	*Alnus sp.*	Semi-mature	9	1	240	No	2	2.5	2	2	2.5	Curved and leaning at base of stem	Single stemmed. Slight lean. Stubs. Old pruning wounds	Minor deadwood	Stem growing almost horizontal at base. Slight lean over road and pavement to north. Sign 0.5m from stem to east.	Good	Fair	10 to 20 yrs	Moderate	C	No works required in current site context

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	Tree Species			Measurements				Crown (m)					Tree Condition						Value		Management
Tree ID	*Common Name*	*Latin Name*	*Maturity*	*Height (m)*	*Stems*	*Stem Diameter (mm)*	*Estimated*	*Crown height*	*N*	*E*	*S*	*W*	*Roots*	*Stem*	*Crown*	*Comments*	*Physiological*	*Structural*	*Life Expectancy*	*Amenity*	*Category*	*Works*
T67	Ash	*Fraxinus excelsior*	Young	6	5	80 90 100 130 60	No	2	3	3	2	3.5	Limited access around base	Multiple stemmed at base. Old pruning wounds. Stubs. Tight union. Partially included bark	Minor dieback. Minor deadwood	Growing out of shrubby understory. Signs of Ash dieback. Pavement and cycle path beneath on northern, southern and western sides.	Fair	Fair	<10 yrs	Low	C	No works required in current site context
T68	Ash	*Fraxinus excelsior*	Young	7	4	130 110 120 120	No	2	0.5	2.5	2.5	2.5	Limited access around base	Multiple stemmed at base	Minor dieback. Minor deadwood. Old pruning wounds	Pavement to north, cycle path to south. Undergrowth prevented detailed inspection.	Fair	Fair	<10 yrs	Low	C	No works required in current site context
G69	Alder	*Alnus sp.*	Semi-mature	10	10+	150 avg	Yes	0.5	See plan				Group of semi-mature Alder with dense shrubby undergrowth. Overhangs pavement and cycle path to east, south and west. Stems plotted individually				Fair	Fair	20 to 40 yrs	Moderate	C	No works required in current site context
T70	Ash	*Fraxinus excelsior*	Young	7	2	80 100	Yes	2	2	2	2	2	Limited access prevented detailed inspection.				Good	Fair	<10 yrs	Low	C	No works required in current site context
T71	Alder	*Alnus sp.*	Mature	11	2	380 440	No	3.5	5	5	4	5	Limited access around base	Twin stemmed at 0.5m. Vertical. Old pruning wounds. Stubs. Cup-like union collecting dirt/water. Major cavities	Minor dieback. Minor deadwood	Undergrowth prevented detailed inspection of base. Cycle path on all sides. Minor deadwood over path.	Good	Good	20 to 40 yrs	Moderate	B	No works required in current site context

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	Tree Species			Measurements				Crown (m)					Tree Condition						Value		Management
Tree ID	*Common Name*	*Latin Name*	*Maturity*	*Height (m)*	*Stems*	*Stem Diameter (mm)*	*Estimated*	*Crown height*	*N*	*E*	*S*	*W*	*Roots*	*Stem*	*Crown*	*Comments*	*Physiological*	*Structural*	*Life Expectancy*	*Amenity*	*Category*	*Works*
T72	Sweet Chestnut	*Castanea sativa*	Early-mature	8	2	340 210	No	3	3	2.5	4.5	4	Limited access around base	Twin stemmed at 0.5m. Vertical. Epicormic growths. Old pruning wounds. Stubs. Tight union. Partially included bark	Minor deadwood. Moderate deadwood	Dense undergrowth and epicormic growth prevented detailed information of base. Path to north and west.	Good	Fair	>40 yrs	Moderate	B	No works required in current site context
T73	Alder	*Alnus sp.*	Semi-mature	9	1	230	No	2	2	1.5	2	2	Limited access around base	Single stemmed. Vertical	Minor deadwood	Undergrowth prevented detailed inspection of base.	Good	Good	20 to 40 yrs	Moderate	C	No works required in current site context
T74	Norway Maple	*Acer platanoides*	Semi-mature	8	3	290 60 60	No	2	3	4	3	2	Limited access around base	Multiple stemmed at 0.5m. Epicormic growths. Bark damage. Minor decay	Minor dieback. Minor deadwood	Significant bark damage on west side of stem from ground level to 1.5m likely from torn out stem. Overhanging paths to east and west.	Good	Poor	10 to 20 yrs	Moderate	C	No works required in current site context
G75	Goat Willow, Hawthorn	*Salix sp., Crataegus sp.*	Semi-mature	8	10+	70 avg	Yes	1	See plan				Group of Willow and Hawthorn at top of banking adjoining pedestrian bridge. Fence and paths immediately to northeast. Limited access prevented detailed inspection.				Fair	Fair	10 to 20 yrs	Low	C	No works required in current site context
G76	Goat Willow	*Salix caprea*	Semi-mature	8	10+	100 avg	Yes	1	See plan				Group of Willow at top of banking adjoining pedestrian bridge. Overhanging path to southwest. Limited access prevented detailed inspection.				Fair	Fair	10 to 20 yrs	Low	C	No works required in current site context

	Tree Species			Measurements				Crown (m)					Tree Condition				Value		Management
Tree ID	*Common Name*	*Latin Name*	*Maturity*	*Height (m)*	*Stems*	*Stem Diameter (mm)*	*Estimated*	*Crown height*	*N*	*E*	*S*	*W*	*Roots*	*Stem*	*Crown*	*Comments*	*Physiological*	*Structural*	*Life Expectancy*	*Amenity*	*Category*	*Works*
G77	Alder, Cherry, Willow, Ash, Hazel	*Alnus sp. Prunus sp. Salix sp. Fraxinus sp., Corylus.*	Semi-mature	12	10+	150 avg	Yes	1	See plan				Group of Alder, Cherry, Willow, Hazel and Ash along path and continuing down bank to road. Crowns overhang path to northeast and pavements to south and west. Northeastern edge of group on 2.5m high retaining wall. Dense shrubby understory. Limited access prevented detailed inspection. Larger individuals plotted within group.				Fair	Fair	20 to 40 yrs	Moderate	C	No works required in current site context
G78	Alder, Willow, Ash, Silver Birch, Hawthorn	*Alnus sp. Salix sp. Fraxinus sp., Betula sp., Crataegus sp.*	Semi-mature	12	10+	180 avg	Yes	0.5	See plan				Group of Alder, Goat Willow, Ash, Silver Birch and Hawthorn continues down banking. Path to south. Dense shrubby understory prevented detailed inspection. Larger individual trees plotted within group.				Fair	Fair	20 to 40 yrs	Moderate	C	No works required in current site context
T79	Alder	*Alnus sp.*	Early-mature	17	1	310	No	1	6	4.5	3.5	2	Limited access around base	Single stemmed. Slight lean	Minor deadwood	Slight lean over road and pavement to north. Low branches overhanging road and pavement to north.	Good	Good	10 to 20 yrs	Moderate	C	No works required in current site context
T80	Alder	*Alnus sp.*	Early-mature	16	1	330	No	2	4				Limited access around base	Single stemmed. Vertical	Normal	Slight lean over road and pavement to north. Low branches overhanging road and pavement to north.	Good	Good	10 to 20 yrs	Moderate	C	No works required in current site context
T81	Alder	*Alnus sp.*	Mature	18	2	400 400	No	3	7	6	7	6	Limited access around base	Twin stemmed at base. Ivy covered. Vertical	Ivy covered. Minor deadwood	Mature Alder growing within group. Overhanging path to east and south. Ivy prevented detailed inspection of stem and lower crown.	Good	Fair	20 to 40 yrs	Moderate	B	No works required in current site context

	Tree Species			Measurements				Crown (m)					Tree Condition						Value		Management
Tree ID	*Common Name*	*Latin Name*	*Maturity*	*Height (m)*	*Stems*	*Stem Diameter (mm)*	*Estimated*	*Crown height*	*N*	*E*	*S*	*W*	*Roots*	*Stem*	*Crown*	*Comments*	*Physiological*	*Structural*	*Life Expectancy*	*Amenity*	*Category*	*Works*
T82	Maple	*Norway Maple*	Early-mature	16	4	300 100 200 100	Yes	2	5				Limited access around base	Multiple stemmed at 1m. Tight union. Ivy covered	Minor deadwood	Multi-stemmed Maple within group. Large wound with decay at base of stem. Weak unions. 1 smaller stem torn out. Ivy prevented detailed inspection of base of stem and rooting area.	Fair	Poor	10 to 20 yrs	Low	C	No works required in current site context
T83	Sycamore	*Acer pseudoplatanus*	Early-mature	10	5	200 400 300 160 80	Yes	0.5	4	4	3	4	Limited access around base	Multiple stemmed at base. Old pruning wounds. Stubs. Tight union. Partially included bark	Minor deadwood	Multi stemmed Sycamore growing at top of bank within group. Overhanging path to southwest. Lower crown trimmed back from path.	Good	Fair	10 to 20 yrs	Low	C	No works required in current site context
T84	Goat Willow	*Salix caprea*	Early-mature	6	5	220 180 100 110 200	Yes	2	3	3	3.5	4	Limited access around base	Multiple stemmed at 1m. Old pruning wounds. Stubs. Tight union. Partially included bark. Major cavity	Minor deadwood. Minor dieback	Growing within group at top of banking. Dense undergrowth prevented detailed inspection. Path to southwest.	Good	Fair	10 to 20 yrs	Low	C	No works required in current site context
T85	Narrow leaved Ash	*Fraxinus angustifolia 'Raywood'*	Semi-mature	9	1	210	No	1	2.5	3.5	3	3	Limited access around base	Single stemmed. Vertical	Minor deadwood. Moderate dieback	Overhanging path to east. Moderate dieback in crown. Within shrubby understory.	Good	Good	20 to 40 yrs	Moderate	C	No works required in current site context
T86	Narrow leaved Ash	*Fraxinus angustifolia 'Raywood'*	Semi-mature	4	1	190	No	1.5	3	4	2	3	Limited access around base	Single stemmed. Vertical. Bark damage. Major cavities. Minor decay	Minor dieback. Minor deadwood. Cavities. Unbalanced	Large wound at 0.5 to 2m, likely from torn out stem.	Fair	Poor	10 to 20 yrs	Low	C	No works required in current site context

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	Tree Species			Measurements				Crown (m)					Tree Condition						Value		Management
Tree ID	*Common Name*	*Latin Name*	*Maturity*	*Height (m)*	*Stems*	*Stem Diameter (mm)*	*Estimated*	*Crown height*	*N*	*E*	*S*	*W*	*Roots*	*Stem*	*Crown*	*Comments*	*Physiological*	*Structural*	*Life Expectancy*	*Amenity*	*Category*	*Works*
T87	Narrow leaved Ash	*Fraxinus angustifolia 'Raywood'*	Semi-mature	8	1	140	No	2	2	1.5	1.5	2	Limited access around base	Single stemmed. Vertical	Normal	Within shrubby understory.	Good	Good	20 to 40 yrs	Moderate	C	No works required in current site context
T88	Narrow leaved Ash	*Fraxinus angustifolia 'Raywood'*	Semi-mature	9	1	190	No	1.5	3	2.5	3	3	Limited access around base	Single stemmed. Vertical. Ivy becoming established	Normal	Within shrubby understory.	Good	Good	20 to 40 yrs	Moderate	C	No works required in current site context
T89	Narrow leaved Ash	*Fraxinus angustifolia 'Raywood'*	Semi-mature	9	1	190	No	1.5	2.5				Limited access around base	Single stemmed. Vertical. Ivy covered	Normal	Within shrubby understory.	Good	Good	20 to 40 yrs	Moderate	C	No works required in current site context
T90	Narrow leaved Ash	*Fraxinus angustifolia 'Raywood'*	Semi-mature	9	1	200	No	1.5	2.5	2	2.5	3	Limited access around base	Single stemmed. Vertical	Normal	Within shrubby understory.	Good	Good	20 to 40 yrs	Moderate	C	No works required in current site context
T91	Narrow leaved Ash	*Fraxinus angustifolia 'Raywood'*	Semi-mature	9	1	170	No	1.5	2.5	2.5	2.5	2.5	Limited access around base	Single stemmed. Vertical. Ivy covered	Normal	Within shrubby understory.	Good	Good	20 to 40 yrs	Moderate	C	No works required in current site context

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	Tree Species			Measurements				Crown (m)					Tree Condition						Value		Management
Tree ID	*Common Name*	*Latin Name*	*Maturity*	*Height (m)*	*Stems*	*Stem Diameter (mm)*	*Estimated*	*Crown height*	*N*	*E*	*S*	*W*	*Roots*	*Stem*	*Crown*	*Comments*	*Physiological*	*Structural*	*Life Expectancy*	*Amenity*	*Category*	*Works*
T92	Narrow leaved Ash	*Fraxinus angustifolia 'Raywood'*	Young	8	1	150	No	1.5	2.5	2	2	2.5	No visual defects	Single stemmed. Vertical	Normal	Within shrubby understory. Tree tie at base of stem.	Good	Good	20 to 40 yrs	Moderate	C	No works required in current site context
T93	Narrow leaved Ash	*Fraxinus angustifolia 'Raywood'*	Young	5	1	110	No	1.8	2	1.5	1.5	2	Limited access around base	Single stemmed. Vertical	Minor deadwood	Within shrubby understory.	Good	Good	20 to 40 yrs	Moderate	C	No works required in current site context
T94	Narrow leaved Ash	*Fraxinus angustifolia 'Raywood'*	Young	5	1	110	No	2	1.5	1.5	1.5	2	Limited access around base	Single stemmed. Vertical. Epicormic growths	Minor deadwood. Minor dieback	Within shrubby understory. Minor dieback in crown.	Fair	Good	10 to 20 yrs	Moderate	C	No works required in current site context
T95	Narrow leaved Ash	*Fraxinus angustifolia 'Raywood'*	Semi-mature	8	1	130	No	1.5	2	1.5	2	2.5	Limited access around base	Single stemmed. Vertical. Ivy becoming established	Minor deadwood. Minor dieback	Within shrubby understory. Minor dieback in crown.	Fair	Good	10 to 20 yrs	Moderate	C	No works required in current site context
T96	Narrow leaved Ash	*Fraxinus angustifolia 'Raywood'*	Semi-mature	9	1	170	No	2	2.5	2	2.5	2.5	Limited access around base	Single stemmed. Vertical. Ivy becoming established	Minor deadwood	Within shrubby understory.	Fair	Good	20 to 40 yrs	Moderate	C	No works required in current site context

	Tree Species			Measurements				Crown (m)					Tree Condition						Value		Management
Tree ID	*Common Name*	*Latin Name*	*Maturity*	*Height (m)*	*Stems*	*Stem Diameter (mm)*	*Estimated*	*Crown height*	*N*	*E*	*S*	*W*	*Roots*	*Stem*	*Crown*	*Comments*	*Physiological*	*Structural*	*Life Expectancy*	*Amenity*	*Category*	*Works*
T97	Narrow leaved Ash	*Fraxinus angustifolia 'Raywood'*	Semi-mature	9	1	190	No	1.5	3	2	2.5	3	Limited access around base	Single stemmed. Vertical	Minor deadwood	Within shrubby understory.	Good	Good	20 to 40 yrs	Moderate	C	No works required in current site context
T98	Narrow leaved Ash	*Fraxinus angustifolia 'Raywood'*	Semi-mature	10	1	190	Yes	1.5	2.5	2.5	2.5	2.2	Limited access around base	Single stemmed. Vertical	Minor dieback. Minor deadwood	Stem torn out at 3m leaving tear wound and unbalanced crown. Dense undergrowth at base.	Fair	Good	20 to 40 yrs	Moderate	C	No works required in current site context
T99	Narrow leaved Ash	*Fraxinus angustifolia 'Raywood'*	Semi-mature	9	1	180	Yes	2	2.5	2	2.5	2	Limited access around base	Single stemmed. Vertical	Minor dieback. Minor deadwood	Stem torn out at 3m leaving tear wound and unbalanced crown. Dense undergrowth at base.	Good	Good	20 to 40 yrs	Moderate	C	No works required in current site context
T100	Crataegus sp.	*Crataegus sp.*	Young	5	1	170	No	2	2	2	2	2	No visual defects	Single stemmed	Normal	Tree tag 385.	Good	Good	>40 yrs	Low	C	No works required in current site context
T101	Sorbus sp.	*Sorbus sp.*	Semi-mature	6	1	220	No	2	2	2	3	2	No visual defects	Single stemmed. Slight lean	Minor deadwood. Stubs	Lower crown cut back from road to northeast. Tree tag 384.	Good	Good	>40 yrs	Low	C	No works required in current site context

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	Tree Species			Measurements				Crown (m)					Tree Condition						Value		Management
Tree ID	*Common Name*	*Latin Name*	*Maturity*	*Height (m)*	*Stems*	*Stem Diameter (mm)*	*Estimated*	*Crown height*	*N*	*E*	*S*	*W*	*Roots*	*Stem*	*Crown*	*Comments*	*Physiological*	*Structural*	*Life Expectancy*	*Amenity*	*Category*	*Works*
T102	Prunus sp.	*Prunus sp*	Semi-mature	5	1	120	No	1	2	2	1.5	1.5	Limited access around base	Single stemmed. Vertical	Minor deadwood	Tree tag 383.	Good	Good	>40 yrs	Low	C	No works required in current site context
T103	Prunus sp.	*Prunus sp*	Semi-mature	5	1	160	Yes	1	2	2	1.5	1.5	Limited access around base	Slight lean	Minor deadwood	Tree tag 382.	Good	Good	>40 yrs	Low	C	No works required in current site context
T104	Cherry	*Prunus sp.*	Early-mature	8	1	440	No	1	7	7	7	6	Limited access around base. Exposed roots	Partially included bark. Old pruning wounds	Tight unions. Minor deadwood	Fissure at base of stem. In shrubby undergrowth. Overhanging carpark to southwest. Tree tag 386.	Good	Good	>40 yrs	Moderate	B	No works required in current site context
T105	Cherry	*Prunus sp.*	Early-mature	9	1	360	No	2	4	6	5	4	Limited access around base	Old pruning wounds. Partially	Tight unions. Partially included bark. Moderate deadwood. Stubs	In shrubby undergrowth. Overhanging carpark to southwest. Tree tag 387.	Good	Good	>40 yrs	Moderate	C	No works required in current site context
T106	Swedish Whitebeam	*Sorbus intermedia*	Early-mature	9	1	320	No	2	4	4	4	4	Limited access around base	Old pruning wounds.	Old pruning wounds. Tight unions.	In shrubby undergrowth. Overhanging carpark to southwest. Tree tag 388.	Good	Good	>40 yrs	Moderate	C	No works required in current site context
T107	Cherry	*Prunus sp.*	Early-mature	9	1	430	No	2	6	6	6	6	Limited access around base	Vertical. Multiple stemmed at 2m. Old pruning wounds.	Minor deadwood. Stubs. Tight unions	In shrubby undergrowth. Overhanging carpark to southwest. Tree tag 389.	Good	Good	>40 yrs	Moderate	B	No works required in current site context

	Tree Species			Measurements				Crown (m)					Tree Condition							Value		Management
Tree ID	*Common Name*	*Latin Name*	*Maturity*	*Height (m)*	*Stems*	*Stem Diameter (mm)*	*Estimated*	*Crown height*	*N*	*E*	*S*	*W*	*Roots*	*Stem*	*Crown*	*Comments*	*Physiological*	*Structural*	*Life Expectancy*	*Amenity*	*Category*	*Works*
T108	Cherry	*Prunus sp.*	Early-mature	8	1	300	Yes	3	3	4	4	3	Limited access around base	Twin stemmed at 2m. Old pruning wounds. Tight union. Partially included bark	Minor deadwood. Tight unions	In shrubby undergrowth. Overhanging carpark to southwest. Access prevented detailed inspection and accurate measurements. Plotted approximately. Tree tag 390	Good	Good	20 to 40 yrs	Moderate	C	No works required in current site context
T109	Cherry	*Prunus sp.*	Semi-mature	8	1	300	Yes	2	1	2	2	1	Limited access around base	Multiple stemmed at 2m. Old pruning wounds. Stubs. Bark damage. Minor decay	Minor deadwood. Moderate deadwood. Stubs. 50% dead / absent. Small / sparse	In shrubby undergrowth. Limited access prevented accurate plotting and detailed inspection. Significant deadwood in crown. Tree tag 391	Poor	Poor	<10 yrs	Low	U	Removal recommended regardless of development
T110	Cherry	*Prunus sp.*	Early-mature	8	1	260	Yes	2	1	1	3	3	Limited access around base	Twin stemmed at 2m. Old pruning wounds	Minor deadwood. Stubs. Slightly unbalanced	In shrubby undergrowth. Limited access prevented accurate plotting and detailed inspection. Supressed crown. Tree tag 392.	Fair	Fair	20 to 40 yrs	Low	C	No works required in current site context
T111	Cherry	*Prunus sp.*	Early-mature	9	1	320	Yes	2	4	4	4	2	Limited access around base	Twin stemmed at 2m. Old pruning wounds. Stubs	Old pruning wounds. Minor deadwood	In shrubby undergrowth. Limited access prevented accurate plotting and detailed inspection. Tree tag 393	Good	Good	>40 yrs	Moderate	C	No works required in current site context
T112	Cherry	*Prunus sp.*	Early-mature	9	2	250 250	Yes	2	4	4	5	5	Limited access around base	Twin stemmed at 1m. Cup-like union collecting dirt/water.	Minor deadwood	In shrubby undergrowth. Limited access prevented accurate plotting and detailed inspection. Tree tag 394	Good	Good	>40 yrs	Moderate	C	No works required in current site context

	Tree Species			Measurements				Crown (m)					Tree Condition						Value		Management
Tree ID	*Common Name*	*Latin Name*	*Maturity*	*Height (m)*	*Stems*	*Stem Diameter (mm)*	*Estimated*	*Crown height*	*N*	*E*	*S*	*W*	*Roots*	*Stem*	*Crown*	*Comments*	*Physiological*	*Structural*	*Life Expectancy*	*Amenity*	*Category*	*Works*
T113	Sycamore	*Acer pseudoplatanus*	Early-mature	10	1	350	No	2	5	5	4	4.5	No visual defects	Twin stemmed at 2m. Tight union. Partially included bark	Minor deadwood. Fused branch	Co-dominant stems at 2m with fused branch above. Tree tag 395	Good	Good	>40 yrs	Moderate	B	No works required in current site context
T114	Sycamore	*Acer pseudoplatanus*	Early-mature	10	1	300	No	2	5	4	4	5	Limited access around base	Twin stemmed at 2m. Tight union. Partially included bark	Minor deadwood	In shrubby undergrowth, limiting detailed inspection. Overhanging car park to southwest. Tree tag 396.	Good	Good	>40 yrs	Moderate	C	No works required in current site context
T115	Sycamore	*Acer pseudoplatanus*	Early-mature	10	1	300	No	2	5	4	4	5	Limited access around base	Multiple stemmed at 2m. Old pruning wounds	Minor deadwood	In shrubby undergrowth, limiting detailed inspection. Lower crown cut back from car park. Tree tag 400.	Good	Good	>40 yrs	Moderate	C	No works required in current site context
G116	Maple, Ash, Cherry	*Acer sp., Fraxinus sp., Prunus sp.*	Early-mature	8	10+	200 avg	Yes	2	See plan				Group at top of banking approx. 1.5m higher than road. Limited access. Many crown raised to approx 2m. Good screening between industrial site and road.				Fair	Fair	20 to 40 yrs	Moderate	C	No works required in current site context
G117	Ash, Sycamore	*Acer sp., Fraxinus sp.,*	Early-mature	12	10+	300 avg	Yes	2	See plan				Group of Ash and Sycamore along edge of footpath continuing away from site to northeast. Minor deadwood over footpath. Ivy becoming established on stems. Ash in decline approx. Stage 2 Ash dieback disease. Ash stem hung up in crowns.				Fair	Fair	>40 yrs	Moderate	C	No works required in current site context

	Tree Species			Measurements				Crown (m)					Tree Condition						Value		Management
Tree ID	*Common Name*	*Latin Name*	*Maturity*	*Height (m)*	*Stems*	*Stem Diameter (mm)*	*Estimated*	*Crown height*	*N*	*E*	*S*	*W*	*Roots*	*Stem*	*Crown*	*Comments*	*Physiological*	*Structural*	*Life Expectancy*	*Amenity*	*Category*	*Works*
T118	Willow	*Salix sp.*	Mature	8	5	500 500 400 200 200	Yes	1	3	3	4	4	Limited access around base	Multiple stemmed at 0.5m. Old pruning wounds. Stubs. Epicormic growths. Tight union. Partially included bark. Minor decay	Pollarded. Old pruning wounds. Stubs. Minor deadwood	Recently pollarded at 6m with regrowth. Some stems to 1m. On verge between industrial yard and road. Limited access prevented detailed inspection.	Fair	Fair	20 to 40 yrs	Low	C	No works required in current site context
T119	Willow	*Salix sp.*	Mature	10	6	400 avg	Yes	1	4	4	5	4	Limited access around base	Multiple stemmed at base. Old pruning wounds. Stubs. Tight union. Partially included bark. Minor decay	Pollarded. Old pruning wounds. Stubs. Minor deadwood	Recently pollarded at 8m with regrowth. On raised bank between industrial yard and road. Limited access prevented detailed inspection.	Fair	Fair	20 to 40 yrs	Low	C	No works required in current site context
T120	Willow	*Salix sp.*	Mature		4	200 300 450 500	Yes	1	2	3	4	4	Limited access around base	Multiple stemmed at base. Old pruning wounds. Stubs. Tight union. Partially included bark. Minor decay	Pollarded. Old pruning wounds. Stubs. Minor deadwood	Recently pollarded at 8m with regrowth. On raised bank between industrial yard and road. Limited access prevented detailed inspection. Southeastern lower crown with torn branch resting on lower torn branch likely to fail and may fall onto road. Remove both branches	Fair	Fair	20 to 40 yrs	Low	C	Remove two torn branches in southeastern crown

	Tree Species			Measurements				Crown (m)					Tree Condition						Value		Management
Tree ID	*Common Name*	*Latin Name*	*Maturity*	*Height (m)*	*Stems*	*Stem Diameter (mm)*	*Estimated*	*Crown height*	*N*	*E*	*S*	*W*	*Roots*	*Stem*	*Crown*	*Comments*	*Physiological*	*Structural*	*Life Expectancy*	*Amenity*	*Category*	*Works*
T121	Willow	*Salix sp.*	Mature	9	5	200 200 450 450 400	Yes	2	2	3	4	3	Limited access around base	Multiple stemmed at base. Old pruning wounds. Stubs. Tight union. Partially included bark. Minor decay	Pollarded. Old pruning wounds. Stubs. Minor deadwood	Recently pollarded at 8m with regrowth. On raised bank between industrial yard and road. Limited access prevented detailed inspection.	Fair	Fair	20 to 40 yrs	Low	C	No works required in current site context
T122	Willow	*Salix sp.*	Early-mature	7	1	470	No	2	1	3	2	2	Limited access around base	Multiple stemmed at base. Old pruning wounds. Stubs. Tight union. Partially included bark. Minor decay	Pollarded. Old pruning wounds. Stubs. Minor deadwood	Recently pollarded at 8m with regrowth. On raised bank between industrial yard and road. Limited access prevented detailed inspection.	Fair	Fair	20 to 40 yrs	Low	C	No works required in current site context
T123	Willow	*Salix sp.*	Semi-mature	6	1	120	Yes	0	1	1	1	1	Limited access around base	Single stemmed	Pollarded. Old pruning wounds. Stubs. 50% dead / absent. Moderate deadwood	On raised bank between industrial yard and road. Stem dead with live basal growth. Within falling distance of road.	Poor	Poor	<10 yrs	Dead	U	Removal recommended regardless of development
T124	Willow	*Salix sp.*	Early-mature	7	2	300, 470	No	5	6	6	11	11	No visual defects	Twin stemmed at 1m. Significant lean. Stubs. Old pruning wounds. Major cavities. Tight union. Minor decay	Pollarded. Old pruning wounds. Stubs. Minor deadwood	Recently pollarded at 8m with regrowth. On raised bank between industrial yard and road. Limited access prevented detailed inspection. Tight union with included bark.	Fair	Fair	20 to 40 yrs	Low	C	No works required in current site context

	Tree Species			Measurements				Crown (m)					Tree Condition						Value		Management
Tree ID	*Common Name*	*Latin Name*	*Maturity*	*Height (m)*	*Stems*	*Stem Diameter (mm)*	*Estimated*	*Crown height*	*N*	*E*	*S*	*W*	*Roots*	*Stem*	*Crown*	*Comments*	*Physiological*	*Structural*	*Life Expectancy*	*Amenity*	*Category*	*Works*
T125	Willow	*Salix sp.*	Early-mature	7	1	370	No	5	5	6	6	7.5	Exposed roots	Single stemmed. Significant lean. Stubs. Tight union	Pollarded. Old pruning wounds. Stubs. Minor deadwood	Recently pollarded at 8m with regrowth. On raised bank between industrial yard and road. Limited access prevented detailed inspection.	Fair	Fair	20 to 40 yrs	Low	C	No works required in current site context
T126	Norway Maple	*Acer platanoides*	Early-mature	9	1	450	Yes	2	8	8	4	4	Exposed roots. Limited access around base	Single stemmed. Slight lean. Stubs. Tight union	Pollarded. Old pruning wounds. Stubs	Adjacent, no access. Pollarded at 8m with regrowth. Fence immediately to south west.	Good	Fair	20 to 40 yrs	Low	C	No works required in current site context
G127	Field Maple, Swedish Whitebeam	*Acer campestre, Sorbus intermedia*	Semi-mature	10	10+	120 avg	Yes	1.5	See plan				Adjacent group of semi-mature Field Maple and Swedish Whitebeam growing through fence. Limited access prevented detailed inspection.				Fair	Fair	10 to 20 yrs	Low	C	No works required in current site context
T128	Birch	*Betula pendula*	Young	10	1	200	Yes	2	2	2	1.5	1.5	Limited access around base	Single stemmed. Vertical	Normal	Within Portuguese Laurel shrubs. Limited access prevented detailed inspection. Plotted approximately.	Good	Good	>40 yrs	Low	C	No works required in current site context
G129	Blackthorn	*Prunus spinosa*	Semi-mature	5	10+	70 avg	Yes	1	See plan				Group of Blackthorn. Limited access prevented detailed inspection.				Fair	Fair	20 to 40 yrs	Low	C	No works required in current site context

	Tree Species			Measurements				Crown (m)					Tree Condition				Value		Management
Tree ID	*Common Name*	*Latin Name*	*Maturity*	*Height (m)*	*Stems*	*Stem Diameter (mm)*	*Estimated*	*Crown height*	*N*	*E*	*S*	*W*	*Roots*	*Stem*	*Crown*	*Comments*	*Physiological*	*Structural*	*Life Expectancy*	*Amenity*	*Category*	*Works*
G130	Elder	*Sambucus nigra*	Semi-mature	5	10+	100 avg	Yes	1	See plan				Elder group overhanging path.				Fair	Fair	20 to 40 yrs	Low	C	No works required in current site context
T131	Beech	*Fagus sylvatica*	Semi-mature	14	1	230	No	0.5	2	3	3	2.5	No visual defects	Single stemmed. Vertical	Normal	Planting stake at base.	Good	Good	>40 yrs	Low	C	No works required in current site context
T132	Beech	*Fagus sylvatica*	Semi-mature	15	1	320	Yes	2	4	4	4	4	No visual defects	Single stemmed. Vertical	Normal	Within dense undergrowth. Dense shrubs at base prevented detailed inspection of lower stem. Good long term prospects.	Good	Good	>40 yrs	Moderate	B	No works required in current site context
T133	Sycamore	*Acer pseudoplatanus*	Mature	20	4	400 400 500 600	Yes	1	6	6	6	6	Limited access around base	Multiple stemmed at base	Minor deadwood	Adjacent, no access. Multi-stemmed with tight unions and included bark. Inspection only cursory and plotted approximately.	Good	Fair	>40 yrs	Low	B	No works required in current site context
T134	Birch	*Betula pendula*	Semi-mature	16	1	220	Yes	3	2	2	2	2	Limited access around base	Single stemmed. Vertical	Normal	Inaccessible within shrubbery. Limited access prevented detailed inspction and accurate measurements. Plotted approximately.	Good	Good	>40 yrs	Low	C	No works required in current site context

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	Tree Species			Measurements				Crown (m)					Tree Condition					Value		Management
Tree ID	*Common Name*	*Latin Name*	*Maturity*	*Height (m)*	*Stems*	*Stem Diameter (mm)*	*Estimated*	*Crown height*	*N*	*E*	*S*	*W*	*Roots*	*Stem*	*Crown*	*Comments*	*Physiological*	*Structural*	*Life Expectancy*	*Amenity*	*Category*	*Works*
T135	Birch	*Betula pendula*	Semi-mature	16	1	220	Yes	3	2.5	2.5	2.5	2.5	Limited access around base	Single stemmed. Vertical	Normal	Inaccessible within shrubbery. Limited access prevented detailed inspction and accurate measurements. Plotted approximately.	Good	Good	>40 yrs	Low	C	No works required in current site context
G136	Birch	*Betula pendula*	Semi-mature	16	10+	200 avg	Yes	2	See plans				Group of semi- to early-mature Silver Birch and Goat Willow within dense shrubbery. Limited access prevented detailed inspction and accurate measurements.				Good	Fair	>40 yrs	Low	C	No works required in current site context
G137	Willow	*Salix sp.*	Semi-mature	15	10+	200 avg	Yes	2	See plans				Group of Goat Willow with some Silver Birch on raised banking. Overhanging path to southwest.				Good	Fair	20 to 40 yrs	Low	C	No works required in current site context
G138	Elder, Sea Buckthorn, Broom, Hawthorn	*Sambucus sp., Hippophae sp., Cytisus sp., Crataegus sp.*	Young	3	10+	80 avg	Yes	0	See plans				Shrubby group of young Elder, Sea Buckthorn, Broom and Hawthorn between path and fence. Some semi-mature individuals amongst group. Limited access prevented detailed inspection and accurate measurements.				Good	Fair	20 to 40 yrs	Low	C	No works required in current site context
G139	Cherry	*Prunus sp.*	Young	6	10+	70 avg	Yes	1	See plans				Young Cherry group on edge of path.				Good	Good	20 to 40 yrs	Low	C	No works required in current site context

	Tree Species			Measurements				Crown (m)					Tree Condition						Value		Management
Tree ID	*Common Name*	*Latin Name*	*Maturity*	*Height (m)*	*Stems*	*Stem Diameter (mm)*	*Estimated*	*Crown height*	*N*	*E*	*S*	*W*	*Roots*	*Stem*	*Crown*	*Comments*	*Physiological*	*Structural*	*Life Expectancy*	*Amenity*	*Category*	*Works*
G140	Cherry	*Prunus sp.*	Young	5	4	80 60 40 100	Yes	1	See plans				Young Cherry group on edge of path.				Good	Good	20 to 40 yrs	Low	C	No works required in current site context
T141	Birch	*Betula pendula*	Young	5	1	100	Yes	2	1	2	2	1	Limited access around base	Single stemmed. Slight lean	Small / sparse	Slight stem lean to east correcting to vertical.	Fair	Fair	20 to 40 yrs	Low	C	No works required in current site context
T142	Willow	*Salix sp.*	Early-mature	12	6	220 avg	Yes	1	5	5	4.5	4	Limited access around base	Multiple stemmed. at base. Old pruning wounds. Stubs. Tight union. Partially included bark	Minor deadwood	Multi-stemmed Willow overhanging industrial site to southwest. Dense undergrowth prevented detailed inspection and accurate measurements.	Fair	Fair	>40 yrs	Low	C	No works required in current site context
T143	Willow	*Salix sp.*	Early-mature	11	10+	160 avg	Yes	1	2	7	6	4	Limited access around base	Multiple stemmed. at base	Slightly unbalanced	Adjacent Goat Willow to northwest previously failed leaving crown unbalanced. overhanging building to southwest	Good	Fair	20 to 40 yrs	Low	C	No works required in current site context
T144	Sycamore	*Acer pseudoplatanus*	Semi-mature	13	3	100 150 200	Yes	2	3.5	2.5	2	2	Limited access around base. Adjacent ground works	Multiple stemmed at 0.5m. Stubs. Tight union. Partially included bark	Fused branch	Multi-stemmed Sycamore growing at base of building wall. Some stems cut at 1m leaving decaying stubs. overhanging building roof.	Good	Fair	10 to 20 yrs	Low	C	No works required in current site context

	Tree Species			Measurements				Crown (m)					Tree Condition						Value		Management
Tree ID	*Common Name*	*Latin Name*	*Maturity*	*Height (m)*	*Stems*	*Stem Diameter (mm)*	*Estimated*	*Crown height*	*N*	*E*	*S*	*W*	*Roots*	*Stem*	*Crown*	*Comments*	*Physiological*	*Structural*	*Life Expectancy*	*Amenity*	*Category*	*Works*
T145	Hawthorn	*Crategus monogyna*	Young	4	6	80 avg	Yes	0.5	1.5	1.5	1.5	1.5	Limited access around base	Multiple stemmed. at base. Ivy covered	Ivy covered	Ivy prevented detailed inspection.	Good	Good	20 to 40 yrs	Low	C	No works required in current site context
T146	Alder	*Alnus sp.*	Semi-mature	10	5	180 80 80 60 60	No	1	3	3	2	2	Limited access around base	Multiple stemmed at base. Stubs. Old pruning wounds	Minor deadwood	Multi-stemmed Alder between fence and bridge upright.	Good	Fair	10 to 20 yrs	Low	C	No works required in current site context
T147	Alder	*Alnus sp.*	Early-mature	18	1	300	Yes	2	4	4	3	3	Limited access around base	Single stemmed. Slight lean. Ivy covered	Minor deadwood	Within group. Stem slightly leaning to east.	Good	Fair	20 to 40 yrs	Low	C	No works required in current site context
T148	Willow	*Salix sp.*	Early-mature	5	10+	140 avg	Yes	0	4	4	2	2	Limited access around base	Multiple stemmed. at base. Stubs	Old pruning wounds. Stubs	Multi-stemmed Hazel, crown supressed by eleagnus shrub at base	Good	Fair	20 to 40 yrs	Low	C	No works required in current site context
T149	Willow	*Salix sp.*	Early-mature	10	1	300	Yes	4	4	4	3	3	Limited access around base	Ivy covered	Minor deadwood	Ivy pdi. Brash and dense undergrowth around base		Fair	20 to 40 yrs	Low	C	No works required in current site context

	Tree Species			Measurements				Crown (m)					Tree Condition					Value		Management
Tree ID	*Common Name*	*Latin Name*	*Maturity*	*Height (m)*	*Stems*	*Stem Diameter (mm)*	*Estimated*	*Crown height*	*N*	*E*	*S*	*W*	*Roots*	*Stem*	*Crown*	*Comments*	*Physiological*	*Structural*	*Life Expectancy*	*Amenity*	*Category*	*Works*
G150	Ash	*Fraxinus excelsior*	Semi-mature	10	6	150 avg	Yes	1	See plans				2 Ash and 1 Elder in shrubby understory. Limited access prevented detailed inspection. Ash with some deadwood and dieback.				Fair	Fair	10 to 20 yrs	Low	C	No works required in current site context
T151	Ash	*Fraxinus excelsior*	Semi-mature	12	2	180 200	No	2	4.5	4.5	4.5	2.5	Limited access around base	Twin stemmed at 1m	Minor deadwood. Minor dieback	Dense undergrowth prevented detailed inspection and accurate measurements. overhanging path to northeast.	Fair	Fair	10 to 20 yrs	Low	C	No works required in current site context
T152	Alder	*Alnus sp.*	Early-mature	18	3	400 200 100	Yes	3	5	4	5	5	Limited access around base	Multiple stemmed at 1m	Minor deadwood	Limited access prevented accurate plotting and detailed inspection.	Good	Fair	>40 yrs	Low	C	No works required in current site context
T153	Norway Maple	*Acer platanoides*	Early-mature	12	1	410	No	2	5	3	3	5	Limited access around base	Ivy covered	Minor deadwood. Stubs	Ivy prevented detailed inspection. Lower crown cut back from pavement.	Good	Good	>40 yrs	Moderate	B	No works required in current site context
T154	Norway Maple	*Acer platanoides*	Early-mature	14	1	400	Yes	3	3	3	5	5	Limited access around base	Ivy covered	Minor deadwood	Dense shrubs at base prevented detailed inspection.	Good	Good	>40 yrs	Moderate	B	No works required in current site context

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	Tree Species			Measurements				Crown (m)					Tree Condition						Value		Management
Tree ID	*Common Name*	*Latin Name*	*Maturity*	*Height (m)*	*Stems*	*Stem Diameter (mm)*	*Estimated*	*Crown height*	*N*	*E*	*S*	*W*	*Roots*	*Stem*	*Crown*	*Comments*	*Physiological*	*Structural*	*Life Expectancy*	*Amenity*	*Category*	*Works*
T155	Norway Maple	*Acer platanoides*	Early-mature	12	1	310	No	2.5	2	4	4	4	Damage to buttress roots. Exposed roots	Single stemmed. Vertical	Normal	Overhanging pavement to southwest.	Good	Good	>40 yrs	Moderate	B	No works required in current site context
T156	Norway Maple	*Tilia sp.*	Early-mature	10	1	340	No	2	4	4	4	3	Damage to buttress roots. Exposed roots	Old pruning wounds. Stubs. Epicormic growths	Minor deadwood. Stubs. Tight unions	Crown in contact with street light to east.	Good	Good	>40 yrs	Moderate	B	No works required in current site context
T157	Hawthorn	*Crataegus monogyna*	Semi-mature	6	4	100 100 50 50	Yes	0	2	2	3	3	Limited access around base	Multiple stemmed at base	Minor deadwood	Dense shrubs prevented detailed inspection and accurate meaasurements.	Fair	Fair	>40 yrs	Low	C	No works required in current site context
G158	Hawthorn	*Crataegus monogyna*	Young	4	10+	80 avg	Yes	0	See plans				Young to semi-mature Hawthorn on bank. Limited access prevented detailed inspection. Some young Ash and Maple. In shrubby understory.				Good	Fair	>40 yrs	Low	C	No works required in current site context
G159	Sycamore	*Acer pseudoplatanus*	Early-mature	16	3	440 380 260	No	1	See plans				Limited access around base	Ivy covered	Minor deadwood	Ivy prevented detailed inspection. On bank overhanging pavement. Three trees making up a single crown. Individual stems plotted.	Good	Good	>40 yrs	Moderate	B	No works required in current site context

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	Tree Species			Measurements				Crown (m)					Tree Condition				Value		Management
Tree ID	*Common Name*	*Latin Name*	*Maturity*	*Height (m)*	*Stems*	*Stem Diameter (mm)*	*Estimated*	*Crown height*	*N*	*E*	*S*	*W*	*Roots*	*Stem*	*Crown*	*Comments*	*Physiological*	*Structural*	*Life Expectancy*	*Amenity*	*Category*	*Works*
G160	Hawthorn, Elder	*Crataegus monogyna, Sambucus nigra*	Semi-mature	8	10+	100 avg	Yes	0	See plans				Group largely inaccessible. Eastern crown edge plotted approximately.				Good	Fair	20 to 40 yrs	Low	C	No works required in current site context
T161	Maple	*Acer platanoides*	Early-mature	10	1	300	No	2	4	4	4	4	No visual defects	Single stemmed. Vertical	Minor deadwood	Limited access prevented detailed inspection and accurate measurements. In dense Hawthorn undergrowth.	Good	Good	>40 yrs	Low	C	No works required in current site context
T162	Willow	*Salix sp.*	Young	5	4	100 100 80 80	Yes	0.5	2.5	2.5	2.5	2.5	Limited access around base	Multiple stemmed at base	Normal	Dense undergrowth prevented detailed inspection and accurate plotting.	Good	Fair	20 to 40 yrs	Low	C	No works required in current site context
T163	Cherry	*Prunus sp.*	Semi-mature	5	1	140	Yes	2	2	2	2	2	Limited access around base	Single stemmed. Vertical	Tight unions. Stubs	Dense undergrowth at base prevented detailed inspection. Lower crown cut back from pavement leaving some dead stubs. T163 to T177 individually retention category C but collectively B.	Good	Good	>40 yrs	Low	C	No works required in current site context

	Tree Species			Measurements				Crown (m)					Tree Condition						Value		Management
Tree ID	*Common Name*	*Latin Name*	*Maturity*	*Height (m)*	*Stems*	*Stem Diameter (mm)*	*Estimated*	*Crown height*	*N*	*E*	*S*	*W*	*Roots*	*Stem*	*Crown*	*Comments*	*Physiological*	*Structural*	*Life Expectancy*	*Amenity*	*Category*	*Works*
T164	Cherry	*Prunus sp.*	Semi-mature	6	1	220	No	2	4	4	4	4	Limited access around base	Single stemmed. Vertical	Tight unions. Stubs	Dense undergrowth at base prevented detailed inspection. Lower crown cut back from pavement leaving some dead stubs. T163 to T177 individually retention category C but collectively B.	Good	Good	>40 yrs	Low	C	No works required in current site context
T165	Cherry	*Prunus sp.*	Early-mature	7	1	300	Yes	2	4	4	4	4	Limited access around base	Single stemmed. Vertical	Tight unions. Stubs	Dense undergrowth at base prevented detailed inspection. Lower crown cut back from pavement leaving some dead stubs. T163 to T177 individually retention category C but collectively B.	Good	Good	>40 yrs	Low	C	No works required in current site context
T166	Cherry	*Prunus sp.*	Early-mature	8	1	300	Yes		5	5	5	5	Limited access around base	Single stemmed. Vertical	Tight unions. Snapped /hanging branches	Dense undergrowth at base prevented detailed inspection. Lower crown cut back from pavement leaving some dead stubs. T163 to T177 individually retention category C but collectively B.	Good	Good	>40 yrs	Low	C	No works required in current site context

	Tree Species			Measurements				Crown (m)					Tree Condition						Value		Management
Tree ID	*Common Name*	*Latin Name*	*Maturity*	*Height (m)*	*Stems*	*Stem Diameter (mm)*	*Estimated*	*Crown height*	*N*	*E*	*S*	*W*	*Roots*	*Stem*	*Crown*	*Comments*	*Physiological*	*Structural*	*Life Expectancy*	*Amenity*	*Category*	*Works*
T167	Cherry	*Prunus sp.*	Semi-mature	5	1	220	Yes	2	4	4	4	4	Limited access around base	Single stemmed. Vertical	Tight unions. Stubs	Dense undergrowth at base prevented detailed inspection. Lower crown cut back from pavement leaving some dead stubs. T163 to T177 individually retention category C but collectively B.	Good	Good	>40 yrs	Low	C	No works required in current site context
T168	Cherry	*Prunus sp.*	Early-mature	6	1	280	Yes	2	4	4	4	4	Limited access around base	Single stemmed. Vertical	Tight unions. Stubs	Dense undergrowth at base prevented detailed inspection. Lower crown cut back from pavement leaving some dead stubs. T163 to T177 individually retention category C but collectively B.	Good	Good	>40 yrs	Low	C	No works required in current site context
T169	Cherry	*Prunus sp.*	Semi-mature	6	1	260	No	2	5	5	5	5	Limited access around base	Single stemmed. Vertical. Ivy covered	Tight unions. Stubs	Dense undergrowth at base prevented detailed inspection. Ivy becoming established. Lower crown cut back from pavement leaving some dead stubs. T163 to T177 individually retention category C but collectively B.	Good	Good	>40 yrs	Low	C	No works required in current site context

	Tree Species			Measurements				Crown (m)					Tree Condition						Value		Management
Tree ID	*Common Name*	*Latin Name*	*Maturity*	*Height (m)*	*Stems*	*Stem Diameter (mm)*	*Estimated*	*Crown height*	*N*	*E*	*S*	*W*	*Roots*	*Stem*	*Crown*	*Comments*	*Physiological*	*Structural*	*Life Expectancy*	*Amenity*	*Category*	*Works*
T170	Cherry	*Prunus sp.*	Semi-mature	5	1	200	No		5	5	5	5	Limited access around base	Single stemmed. Vertical. Ivy covered	Tight unions. Stubs	Dense undergrowth at base and Ivy prevented detailed inspection. Ivy becoming established. Lower crown cut back from pavement leaving some dead stubs. T163 to T177 individually retention category C but collectively B.	Good	Good	>40 yrs	Low	C	No works required in current site context
T171	Cherry	*Prunus sp.*	Early-mature	6	1	290	No		5	5	5	5	Limited access around base	Single stemmed. Vertical. Ivy covered	Tight unions. Stubs	Dense undergrowth at base and Ivy prevented detailed inspection. Ivy becoming established. Lower crown cut back from pavement leaving some dead stubs. T163 to T177 individually retention category C but collectively B.	Good	Good	>40 yrs	Low	C	No works required in current site context
T172	Cherry	*Prunus sp.*	Semi-mature	5	1	200	No	2	4	4	4	4	Limited access around base	Single stemmed. Vertical	50% dead / absent. Major dieback. Minor deadwood	Dense undergrowth at base prevented detailed inspection. Significant dieback at top of crown.	Poor	Fair	<10 yrs	Low	U	Removal recommended regardless of development
T173	Cherry	*Prunus sp.*	Semi-mature	7	1	320	Yes	2	6	6	6	6	Limited access around base	Single stemmed. Vertical	Tight unions. Stubs	Dense undergrowth at base prevented detailed inspection. Lower crown cut back from pavement leaving some dead stubs. T163 to T177 individually retention category C but collectively B.	Good	Good	>40 yrs	Low	C	No works required in current site context

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	Tree Species			Measurements				Crown (m)					Tree Condition						Value		Management
Tree ID	*Common Name*	*Latin Name*	*Maturity*	*Height (m)*	*Stems*	*Stem Diameter (mm)*	*Estimated*	*Crown height*	*N*	*E*	*S*	*W*	*Roots*	*Stem*	*Crown*	*Comments*	*Physiological*	*Structural*	*Life Expectancy*	*Amenity*	*Category*	*Works*
T174	Cherry	*Prunus sp.*	Early-mature	6	1	320	Yes	2	6	6	6	6	Limited access around base	Single stemmed. Vertical	Tight unions. Stubs	Dense undergrowth at base prevented detailed inspection. Lower crown cut back from pavement leaving some dead stubs. T163 to T177 individually retention category C but collectively B.	Good	Good	>40 yrs	Low	C	No works required in current site context
T175	Cherry	*Prunus sp.*	Early-mature	7	1	300	Yes	2	6	6	6	6	Limited access around base	Single stemmed. Vertical	Tight unions. Stubs	Dense undergrowth at base prevented detailed inspection. Lower crown cut back from pavement leaving some dead stubs. T163 to T177 individually retention category C but collectively B.	Good	Good	>40 yrs	Low	C	No works required in current site context
T176	Cherry	*Prunus sp.*	Early-mature	7	1	340	Yes	2	6	6	6	6	Limited access around base	Single stemmed. Vertical	Tight unions. Stubs	Dense undergrowth at base prevented detailed inspection. Lower crown cut back from pavement leaving some dead stubs. T163 to T177 individually retention category C but collectively B.	Good	Good	>40 yrs	Low	C	No works required in current site context

	Tree Species			Measurements				Crown (m)					Tree Condition					Value		Management
Tree ID	*Common Name*	*Latin Name*	*Maturity*	*Height (m)*	*Stems*	*Stem Diameter (mm)*	*Estimated*	*Crown height*	*N*	*E*	*S*	*W*	*Roots*	*Stem*	*Crown*	*Comments*	*Physiological*	*Structural*	*Life Expectancy*	*Amenity*	*Category*	*Works*
T177	Cherry	*Prunus sp.*	Early-mature	7	1	400	Yes	2	6	6	6	6	Limited access around base	Single stemmed. Vertical	Tight unions. Stubs	Dense undergrowth at base prevented detailed inspection. Lower crown cut back from pavement leaving some dead stubs. T163 to T177 individually retention category C but collectively B.	Good	Good	>40 yrs	Low	C	No works required in current site context
G178	Sycamore	*Acer pseudoplatanus*	Young	10	6	100 avg	Yes	1	See plans				Group of young trees, likely Sycamore, at edge of car park. No access into fenced off area. Only a cursory inspection and group plotted approximately from a distance.				Good	Good	20 to 40 yrs	Low	C	No works required in current site context
T179	Cherry	*Prunus sp.*	Semi-mature	4	1	150	Yes	2	2	2	2	2	Young trees in planting pits within fenced off and disused car park. No access into fenced off area. Only a cursory inspection and trees plotted approximately.				Fair	Fair	20 to 40 yrs	Low	C	No works required in current site context
T180	Cherry	*Prunus sp.*	Semi-mature	4	1	150	Yes	2	2	2	2	2	Young trees in planting pits within fenced off and disused car park. No access into fenced off area. Only a cursory inspection and trees plotted approximately.				Fair	Fair	20 to 40 yrs	Low	C	No works required in current site context
T181	Cherry	*Prunus sp.*	Semi-mature	4	1	150	Yes	2	2	2	2	2	Young trees in planting pits within fenced off and disused car park. No access into fenced off area. Only a cursory inspection and trees plotted approximately.				Fair	Fair	20 to 40 yrs	Low	C	No works required in current site context

	Tree Species			Measurements				Crown (m)					Tree Condition					Value		Management
Tree ID	*Common Name*	*Latin Name*	*Maturity*	*Height (m)*	*Stems*	*Stem Diameter (mm)*	*Estimated*	*Crown height*	*N*	*E*	*S*	*W*	*Roots*	*Stem*	*Crown*	*Comments*	*Physiological*	*Structural*	*Life Expectancy*	*Amenity*	*Category*	*Works*
T182	Cherry	*Prunus sp.*	Semi-mature	4	1	150	Yes	2	2	2	2	2	Young trees in planting pits within fenced off and disused car park. No access into fenced off area. Only a cursory inspection and trees plotted approximately.				Fair	Fair	20 to 40 yrs	Low	C	No works required in current site context
T183	Cherry	*Prunus sp.*	Semi-mature	4	1	150	Yes	2	2	2	2	2	Young trees in planting pits within fenced off and disused car park. No access into fenced off area. Only a cursory inspection and trees plotted approximately.				Fair	Fair	20 to 40 yrs	Low	C	No works required in current site context
T184	Cherry	*Prunus sp.*	Semi-mature	4	1	150	Yes	2	2	2	2	2	Young trees in planting pits within fenced off and disused car park. No access into fenced off area. Only a cursory inspection and trees plotted approximately.				Fair	Fair	20 to 40 yrs	Low	C	No works required in current site context
T185	Cherry	*Prunus sp.*	Semi-mature	4	1	150	Yes	2	2	2	2	2	Young trees in planting pits within fenced off and disused car park. No access into fenced off area. Only a cursory inspection and trees plotted approximately.				Fair	Fair	20 to 40 yrs	Low	C	No works required in current site context
T186	Cherry	*Prunus sp.*	Semi-mature	4	1	150	Yes	2	2	2	2	2	Young trees in planting pits within fenced off and disused car park. No access into fenced off area. Only a cursory inspection and trees plotted approximately.				Fair	Fair	20 to 40 yrs	Low	C	No works required in current site context

	Tree Species			Measurements				Crown (m)					Tree Condition					Value		Management
Tree ID	*Common Name*	*Latin Name*	*Maturity*	*Height (m)*	*Stems*	*Stem Diameter (mm)*	*Estimated*	*Crown height*	*N*	*E*	*S*	*W*	*Roots*	*Stem*	*Crown*	*Comments*	*Physiological*	*Structural*	*Life Expectancy*	*Amenity*	*Category*	*Works*
T187	Cherry	*Prunus sp.*	Semi-mature	4	1	150	Yes	2	2	2	2	2				Young trees in planting pits within fenced off and disused car park. No access into fenced off area. Only a cursory inspection and trees plotted approximately.	Fair	Fair	20 to 40 yrs	Low	C	No works required in current site context
T188	Cherry	*Prunus sp.*	Semi-mature	4	1	150	Yes	2	2	2	2	2				Young trees in planting pits within fenced off and disused car park. No access into fenced off area. Only a cursory inspection and trees plotted approximately.	Fair	Fair	20 to 40 yrs	Low	C	No works required in current site context
T189	Cherry	*Prunus sp.*	Semi-mature	4	1	150	Yes	2	2	2	2	2				Young trees in planting pits within fenced off and disused car park. No access into fenced off area. Only a cursory inspection and trees plotted approximately.	Fair	Fair	20 to 40 yrs	Low	C	No works required in current site context
T190	Cherry	*Prunus sp.*	Semi-mature	4	1	150	Yes	2	2	2	2	2				Young trees in planting pits within fenced off and disused car park. No access into fenced off area. Only a cursory inspection and trees plotted approximately.	Fair	Fair	20 to 40 yrs	Low	C	No works required in current site context
G191	Wilow, Elder, Hazel	*Salix sp. Sambucus sp., Corylus sp.*	Semi-mature	10	10+	100 avg	Yes	1	See plan							Ocassional Willow, Elder and Hazel in dense shrubby understory. Encroaching over pavement to south west. Limited access prevented detailed inspection.	Fair	Fair	20 to 40 yrs	Low	C	No works required in current site context

	Tree Species			Measurements				Crown (m)					Tree Condition						Value		Management
Tree ID	*Common Name*	*Latin Name*	*Maturity*	*Height (m)*	*Stems*	*Stem Diameter (mm)*	*Estimated*	*Crown height*	*N*	*E*	*S*	*W*	*Roots*	*Stem*	*Crown*	*Comments*	*Physiological*	*Structural*	*Life Expectancy*	*Amenity*	*Category*	*Works*
T192	Norway Maple	*Acer platanoides*	Semi-mature	12	1	300	No	2	5	5	5	5	No visual defects	Single stemmed. Vertical	Tight unions	Within shrubby group G191. Planting support in contact with stem.	Good	Good	>40 yrs	Moderate	B	No works required in current site context
T193	Norway Maple	*Acer platanoides*	Early-mature	12	1	360	No	2	6	6	4	5	Girdled roots. Exposed roots	Single stemmed. Vertical	Tight unions	Within shrubby group G191. Overhanging adjacent residential property to northeast.	Good	Good	>40 yrs	Moderate	B	No works required in current site context
T194	Lime	*Tilia sp.*	Semi-mature	12	2	180 230	No	1	4	4	5	4	No visual defects	Twin stemmed at base. Tight union. Partially included bark	Minor deadwood. Tight unions	Co-dominant stems at base with included bark. Planting support in contact with stem. Overhanging adjacent residential property to northeast.	Good	Fair	20 to 40 yrs	Moderate	C	No works required in current site context
T195	Willow	*Salix sp.*	Early-mature	9	3	180 170 200	No	0.5	4	3.5	3	4	Limited access around base	Multiple stemmed at base. Old pruning wounds. Stubs	Stubs. Old pruning wounds. Minor deadwood	Overhanging pavement with lower crown cut back, leaving stubs. Crown in contact with street sign.	Fair	Fair	20 to 40 yrs	Low	C	No works required in current site context
G196	Lime	*Tilia sp.*	Early-mature	8	6	300 avg	Yes	1	See plans				Entirely inaccessible individual Limes amongst shrubby group G191. Inspection only cursory and all trees plotted approximately.				Good	Good	>40 yrs	Low	C	No works required in current site context

	Tree Species			Measurements				Crown (m)					Tree Condition					Value		Management
Tree ID	*Common Name*	*Latin Name*	*Maturity*	*Height (m)*	*Stems*	*Stem Diameter (mm)*	*Estimated*	*Crown height*	*N*	*E*	*S*	*W*	*Roots*	*Stem*	*Crown*	*Comments*	*Physiological*	*Structural*	*Life Expectancy*	*Amenity*	*Category*	*Works*
G197	Hazel, Elder, Cherry, Hawthorn	*Corylus sp. Sambucus sp., Prunus sp., Crataegus sp.*	Young	10	10+	120 avg	Yes	0	See plans				Hazel, Elder and Hawthorn with occasional Cherry, encroaching over pavement to northwest and northeast. Dense shrubby understory.				Good	Fair	20 to 40 yrs	Low	C	No works required in current site context
T198	Oak	*Quercus sp.*	Semi-mature	18	1	360	No	6	4	4	3	5	Limited access around base	Single stemmed. Vertical. Ivy covered	Normal	On banking. Ivy prevented detailed inspection of base and stem.	Good	Good	>40 yrs	Low	B	No works required in current site context
T199	Maple	*Acer platanoides*	Semi-mature	12	3	230 270 80	No	3	6	3	3	5	Limited access around base	Twin stemmed. at base. Ivy covered. Tight union. Partially included bark	Minor deadwood	Ivy prevented detailed inspectionbase and stem. On banking. Co-dominant stems at 1m with included bark.	Good	Fair	>40 yrs	Low	C	No works required in current site context
T200	Maple	*Acer platanoides*	Early-mature	14	1	400	No	2	7	6	4	5	Exposed roots. Soil erosion. Girdled roots	Slight lean. Single stemmed	Minor deadwood. Tight unions	Towards base of bank, with soil erosion and large exposed buttress root with girdled root to northwest side. Slight lean to northeast.	Good	Good	>40 yrs	Moderate	B	No works required in current site context
T201	Sweet Chestnut	*Castanea sativa*	Semi-mature	12	4	200 220 100 100	No	2	2	3.5	3.5	2	No visual defects	Multiple stemmed. at base. Tight union. Partially included bark	Snapped /hanging branches. Minor deadwood	Multiple-stemmed with one smaller stem standing dead. Co-dominant stems with significant included bark.	Fair	Fair	20 to 40 yrs	Low	C	No works required in current site context

	Tree Species			Measurements				Crown (m)					Tree Condition						Value		Management
Tree ID	*Common Name*	*Latin Name*	*Maturity*	*Height (m)*	*Stems*	*Stem Diameter (mm)*	*Estimated*	*Crown height*	*N*	*E*	*S*	*W*	*Roots*	*Stem*	*Crown*	*Comments*	*Physiological*	*Structural*	*Life Expectancy*	*Amenity*	*Category*	*Works*
T202	Maple	*Acer platanoides*	Early-mature	12	1	390	No	2	4	3	5	4	No visual defects. Exposed roots	Vertical. Twin stemmed. at 2m	Minor deadwood	Small fissure at base of stem. Minor deadwood in lower crown. Co-dominant stems at 2.5m with significant included bark. Deadwood in lower crown	Good	Fair	>40 yrs	Moderate	B	No works required in current site context
T203	Maple	*Acer platanoides*	Early-mature	14	1	340	No	2	5	4	4	5	No visual defects	Twin stemmed. Tight union. Partially included bark	Minor deadwood. Stubs	On bank overhanging road and pavement to northwest . Co-dominant stems at 2m. Slight lean towards road. Lower northwest crown cut back.from.pavement leaving stubs	Good	Fair	>40 yrs	Moderate	B	No works required in current site context
G204	Hawthorn, Rowan, Elder, Goat Willow	*Crataegus sp., Sorbus sp., Sambucus sp., Salix sp.*	Early-mature	7	10+	140 avg	Yes	0	See plans				Predominantly Hawthorn group, some Rowan, Elder and Goat Willow, occasional young Cotoneaster, interleaving with Alder group. Abutting metal fence. Overhanging pavement.				Good	Fair	20 to 40 yrs	Low	C	No works required in current site context
G205	Cherry Laurel	*Prunus Laurocerasus*	Semi-mature	8	10+	80 avg	Yes	0	See plans				Linear group between adjacent industrial site and road. Good screening. Cut back from pavemnt to northwest. Occasional young Dogwood and Cotoneaster.				Good	Good	20 to 40 yrs	Low	C	No works required in current site context
T206	Hawthorn	*Crataegus monogyna*	Early-mature	6	3	80 100 100	Yes	0.5	3.5	1	1	3.5	Limited access around base	Multiple stemmed at base	Stubs. Old pruning wounds	On edge of Cherry Laurel group G205. Overhanging pavement. Lower crown cut back from pavement to northwest.	Good	Fair	20 to 40 yrs	Low	C	No works required in current site context

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	Tree Species			Measurements				Crown (m)					Tree Condition						Value		Management
Tree ID	*Common Name*	*Latin Name*	*Maturity*	*Height (m)*	*Stems*	*Stem Diameter (mm)*	*Estimated*	*Crown height*	*N*	*E*	*S*	*W*	*Roots*	*Stem*	*Crown*	*Comments*	*Physiological*	*Structural*	*Life Expectancy*	*Amenity*	*Category*	*Works*
T207	Sycamore	*Acer pseudoplatanus*	Early-mature	12	2	270 420	No	2	5	5.5	5	5	Limited access around base	Twin stemmed at 0.5m. Old pruning wounds. Stubs. Tight union. Partially included bark	Minor deadwood	Dense shrubs prevented detailed inspectionof base of stem. On verge within dense shrubby understory. Overhanging pavement to northeast and industrial site to southwest. Lower crown cut back leaving stubs.	Good	Fair	>40 yrs	Moderate	B	No works required in current site context
T208	Lime	*Tilia sp.*	Young	5	1	90	No	2	1	1	1	1	No visual defects	Single stemmed. Vertical	Normal	Young recently planted tree. Planting tie still attached.	Good	Good	>40 yrs	Low	C	No works required in current site context
G209	Maple	*Acer platanoides*	Semi-mature	13	6	250 avg	Yes	4	See plans				Group of 3 multiple-stemmed Norway Maple overhanging pavements to southwest. Some stems have torn out or been removed leaving wounds and decaying stubs. Tight unions with included bark. Stubs and old pruning wounds in crowns. Eastern tree with large wound from torn out stem and co-dominant stems splitting apart.				Fair	Poor	10 to 20 yrs	Moderate	C	Removal of southeastern stem recommended regardless of development
T210	Pear	*Pyrus sp.*	Semi-mature	5	1	210	No	1.5	1	1	1	1	No visual defects	Single stemmed. Old pruning wounds. Epicormic growths	Stubs. Old pruning wounds. Minor deadwood	Ornamental Pear within planting bed woodchip around base.	Good	Fair	20 to 40 yrs	Low	C	No works required in current site context
T211	Pear	*Pyrus sp.*	Semi-mature	5	1	140	No	2	1	1	1	1	No visual defects	Single stemmed. Old pruning wounds. Epicormic growths	Stubs. Old pruning wounds. Minor deadwood	Ornamental Pear within planting bed woodchip around base.	Fair	Fair	20 to 40 yrs	Low	C	No works required in current site context

	Tree Species			Measurements				Crown (m)					Tree Condition						Value		Management
Tree ID	*Common Name*	*Latin Name*	*Maturity*	*Height (m)*	*Stems*	*Stem Diameter (mm)*	*Estimated*	*Crown height*	*N*	*E*	*S*	*W*	*Roots*	*Stem*	*Crown*	*Comments*	*Physiological*	*Structural*	*Life Expectancy*	*Amenity*	*Category*	*Works*
T212	Pear	*Pyrus sp.*		4	1	110	No	1.5	0.5	0.5	0.5	0.5	Limited access around base	Single stemmed. Vertical. Old pruning wounds	Normal	Ornamental Pear. Shrubs at base prevented detailed inspection.	Fair	Good	20 to 40 yrs	Low	C	No works required in current site context
T213	Rowan	*Sorbus aucuparia*	Semi-mature	5	1	210	No	1.5	2	3	3	2	No visual defects	Single stemmed	Tight unions. Stubs. Old pruning wounds	Shrubs at base prevented detailed inspection. Tight unions at 1.6m with included bark	Good	Fair	>40 yrs	Low	C	No works required in current site context
T214	Pear	*Pyrus sp.*		7	1	170	No	2	1	2.5	2.5	2.5	Limited access around base	Single stemmed. Vertical. Old pruning wounds	Stubs. Old pruning wounds	Ornamental Pear. Shrubs at base prevented detailed inspection.	Good	Fair	20 to 40 yrs	Low	C	No works required in current site context
T215	Noway Maple	*Acer platanoides*	Semi-mature	9	1	230	No	2	4	3	4	5	Limited access around base	Single stemmed. Vertical	Minor deadwood. Stubs	Shrubs at base prevented detailed inspection.	Good	Good	>40 yrs	Moderate	C	No works required in current site context
T216	Cherry	*Prunus sp.*	Early-mature	10	1	300	No	2.5	5	4	5	4	Limited access around base	Single stemmed. Old pruning wounds	Minor deadwood. Stubs. Old pruning wounds	Shrubs pdi. Lower crown cut back leaving stubs. Co-dominant stems at 3m with southern stem leaning to south over road	Good	Fair	>40 yrs	Moderate	C	No works required in current site context

	Tree Species			Measurements				Crown (m)					Tree Condition					Value		Management
Tree ID	*Common Name*	*Latin Name*	*Maturity*	*Height (m)*	*Stems*	*Stem Diameter (mm)*	*Estimated*	*Crown height*	*N*	*E*	*S*	*W*	*Roots*	*Stem*	*Crown*	*Comments*	*Physiological*	*Structural*	*Life Expectancy*	*Amenity*	*Category*	*Works*
G217	Western Red Cedar	*Thuja sp.*	Young	2	10+	80 avg	Yes	0	See plans				Linear Thuja group				Good	Good	>40 yrs	Low	C	No works required in current site context
G218	Ash	*Fraxinus excelsior*	Young	6	10+	80 avg	Yes	1	See plans				Self set Ash. Symptoms of Ash dieback disease. Limited access prevented detailed inspection and accurate measurements. Plotted approximately.				Fair	Fair	10 to 20 yrs	Low	C	No works required in current site context
G219	Ash	*Fraxinus excelsior*	Young	6	10+	80 avg	Yes	1	See plans				Self set Ash. Symptoms of Ash dieback disease. Limited access prevented detailed inspection and accurate measurements. Plotted approximately.				Fair	Fair	10 to 20 yrs	Low	C	No works required in current site context
T220	Cherry	*Prunus sp.*	Mature	12	1	480	No	2	5	5	5	6	No visual defects	Single stemmed. Vertical	Minor deadwood. Old pruning wounds. Tight unions. Stubs	Multi-stemmed from 2m with tight unions and included bark. Old pruning wounds and stubs throughout crown. Some torn stubs and bark damage. Dense crown with minor deadwood throughout. On verge with road to northwest and car park to southeast.	Good	Fair	20 to 40 yrs	Moderate	B	No works required in current site context

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	Tree Species			Measurements				Crown (m)					Tree Condition						Value		Management
Tree ID	*Common Name*	*Latin Name*	*Maturity*	*Height (m)*	*Stems*	*Stem Diameter (mm)*	*Estimated*	*Crown height*	*N*	*E*	*S*	*W*	*Roots*	*Stem*	*Crown*	*Comments*	*Physiological*	*Structural*	*Life Expectancy*	*Amenity*	*Category*	*Works*
T221	Ash	*Fraxinus excelsior*	Semi-mature	12	1	370	No	2	4	3	3.5	4	Limited access around base	Old pruning wounds. Stubs. Ivy covered. Tight union. Twin stemmed at 2m	Minor deadwood. Minor dieback	Heavily Ivy clad. overhanging carpark to southwest . Co-dominant stems at 2m. Stage 1 Ash dieback disease.	Fair	Fair	10 to 20 yrs	Low	C	No works required in current site context
T222	Ash	*Fraxinus excelsior*	Early-mature	15	1	350	No	3	4	4	5	4	No visual defects	Twin stemmed at 2m. Old pruning wounds. Tight union	Minor deadwood. Minor dieback	Stage 1 Ash dieback disease. Overhanging car park to southwest.	Fair	Fair	10 to 20 yrs	Low	C	No works required in current site context
T223	Oak	*Quercus sp.*	Early-mature	15	1	490	No	2	6	5	6	5	No visual defects	Vertical. Stubs. Old pruning wounds. Twin stemmed. at 3m	Old pruning wounds. Stubs. Minor deadwood	Ivy becoming established. Co-dominant stems at 2.5m. Northwest. Lower northwestern crown cut back from pavement and road leaving stubs.	Good	Good	>40 yrs	Moderate	B	No works required in current site context
T224	Ash	*Fraxinus excelsior*	Mature	16	1	790	No	2	7	6	7	6	Exposed roots. Damage to buttress roots	Multiple stemmed at 2m. Tight union. Partially included bark	Minor dieback. Minor deadwood	Large exposed roots with bark damage. Tri-stemmed at 1.6m with significant included bark within union. Overhanging building to west.	Good	Fair	10 to 20 yrs	Moderate	C	No works required in current site context
T225	Sorbus	*Sorbus sp.*	Early-mature	10	1	340	No	2	5	5	5	5	No visual defects	Single stemmed. Vertical. Bark damage	Tight unions	Multiple tight unions with included bark at 2m. Minor bark wounds occluding well at 0.5m on northern and western stem aspect	Good	Good	>40 yrs	Moderate	B	No works required in current site context

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	Tree Species			Measurements				Crown (m)					Tree Condition						Value		Management
Tree ID	*Common Name*	*Latin Name*	*Maturity*	*Height (m)*	*Stems*	*Stem Diameter (mm)*	*Estimated*	*Crown height*	*N*	*E*	*S*	*W*	*Roots*	*Stem*	*Crown*	*Comments*	*Physiological*	*Structural*	*Life Expectancy*	*Amenity*	*Category*	*Works*
T226	Field Maple	*Acer campestre*	Mature	14	1	540	No	2	6	6	6	6	No visual defects	Single stemmed. Vertical. Old pruning wounds	Tight unions. Stubs. Old pruning wounds. Minor deadwood	Multiple tight unions at 1.8m with included bark. Plotted approximately.	Good	Good	>40 yrs	Moderate	B	No works required in current site context
G227	Hawthorn	*Crataegus monogyna*	Semi-mature	8	10+	120 avg	Yes	0.5	See plans				Group on bank. Predominantly Hawthorn with occasional Maple, Elder, Holly, Cherrry, Ash and Amelachier. Larger individuals plotted within group.				Fair	Fair	20 to 40 yrs	Low	C	No works required in current site context
T228	Cherry	*Prunus sp.*		12	1	300	No	2	3	3	5	5	Exposed roots. Damage to buttress roots. Girdled roots	Single stemmed. Vertical	Minor deadwood	Within group G227. Exposed roots to southwest on banking. Co-dominant stems at 3m. Plotted approximately.	Good	Fair	>40 yrs	Low	C	No works required in current site context
T229	Maple	*Acer platanoides*	Semi-mature	11	2	270 270	No	2.5	4	4	6	6	Exposed roots. Damage to buttress roots. Girdled roots	Twin stemmed at base. Tight union. Partially included bark	Minor deadwood	Large network of roots exposed on bank. Co-dominant stems at 0.5m with included bark.	Good	Fair	20 to 40 yrs	Low	C	No works required in current site context
T230	Cherry	*Prunus sp.*	Semi-mature	10	1	200	No	3	3	3	4.5	3	Limited access around base	Ivy covered	Minor deadwood	Ivy and dense undergrowth prevented detailed inspection.	Good	Good	>40 yrs	Low	C	No works required in current site context

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	Tree Species			Measurements				Crown (m)					Tree Condition						Value		Management
Tree ID	*Common Name*	*Latin Name*	*Maturity*	*Height (m)*	*Stems*	*Stem Diameter (mm)*	*Estimated*	*Crown height*	*N*	*E*	*S*	*W*	*Roots*	*Stem*	*Crown*	*Comments*	*Physiological*	*Structural*	*Life Expectancy*	*Amenity*	*Category*	*Works*
T231	Cherry	*Prunus sp.*	Semi-mature	8	1	150	Yes	1.5	2	2	2	2	Limited access around base	Single stemmed. Vertical	Normal	2m from plotpoint into group. Limited access prevented detailed inspection and accurate measurements. Plotted approximately.	Good	Good	>40 yrs	Low	C	No works required in current site context
T232	Cherry	*Prunus sp.*	Semi-mature	12	1	260	No	4	5	5	4	4	Limited access around base	Old pruning wounds. Stubs. Tight union. Partially included bark. Twin stemmed at 2m	Minor deadwood	Undergrowth prevented detailed inspection. Growing from underneath metal fence. Stem in contact with fence. Stem kinked at base towards northeast and over path.	Good	Fair	20 to 40 yrs	Moderate	C	No works required in current site context
T233	Cherry	*Prunus sp.*	Semi-mature	12	1	250	Yes	3	5	5	4	4	Limited access around base	Old pruning wounds. Stubs. Tight union. Partially included bark. Single stemmed	Minor deadwood	Undergrowth prevented detailed inspection. Growing between metal fence. Stem in contact with fence. Stem kinked at base towards northeast and over path.	Good	Fair	20 to 40 yrs	Moderate	C	No works required in current site context
G234	Cherry, Ash	*Prunus sp., Fraxinus sp.*	Young	10	6	150 avg	Yes	3	See plans				Young Cherry and Ash just inside metal fence and with stems occluding around fence struts. Overhanging path to northeast.				Good	Fair	20 to 40 yrs	Low	C	No works required in current site context
G235	Willow	*Salix sp.*	Early-mature	9	10+	200 avg	Yes	1	See plans				Multi-stemmed Goat Willow extending beyond site boundary to northwest.Overhanging path to southwest. Minor deadwood and some snapped and hanging branches in crowns. Multiple dead stubs in lower southwestern crowns.				Good	Fair	20 to 40 yrs	Low	C	No works required in current site context

	Tree Species			Measurements				Crown (m)					Tree Condition				Value		Management
Tree ID	*Common Name*	*Latin Name*	*Maturity*	*Height (m)*	*Stems*	*Stem Diameter (mm)*	*Estimated*	*Crown height*	*N*	*E*	*S*	*W*	*Roots*	*Stem*	*Crown*	*Comments*	*Physiological*	*Structural*	*Life Expectancy*	*Amenity*	*Category*	*Works*
G236	Birch	*Betula pendula*	Early-mature	12	10+	200 avg	Yes	2	See plans				Group of semi- to early-mature Silver Birch within Hawthorn group G237.				Good	Fair	>40 yrs	Low	C	No works required in current site context
G237	Hawthorn	*Crataegus monogyna*	Semi-mature	6	10+	80 avg	Yes	0	See plans				Young Hawthorn group along path edge. Occasional young Dogwood Cotoneaster and Amelachier.				Good	Fair	>40 yrs	Low	C	No works required in current site context
T238	Sycamore	*Acer pseudoplatanus*	Semi-mature	9	1	160	No	2	1.5	1.5	1.5	1.5	No visual defects	Epicormic growths. Old pruning wounds	Minor deadwood. Stubs	Epicormic growth at base from previously removed stem.	Good	Fair	20 to 40 yrs	Low	C	No works required in current site context
T239	Sycamore	*Acer pseudoplatanus*	Semi-mature	10	3	260 60 60	Yes	1	4	4	4	4	Limited access around base	Ivy covered	Minor deadwood	Heavily Ivy clad stem prevented detailed inspection. Two younger stems likely coming from base.	Good	Good	20 to 40 yrs	Moderate	C	No works required in current site context
T240	Ash	*Fraxinus excelsior*	Young	7	1	100	Yes	2	0.5	0.5	3	2	Limited access around base	Single stemmed. Slight lean	Minor deadwood. Minor dieback	Ivy becoming established. Crown supressed by adjacent tree.	Fair	Fair	10 to 20 yrs	Low	C	No works required in current site context

	Tree Species			Measurements				Crown (m)					Tree Condition					Value		Management
Tree ID	*Common Name*	*Latin Name*	*Maturity*	*Height (m)*	*Stems*	*Stem Diameter (mm)*	*Estimated*	*Crown height*	*N*	*E*	*S*	*W*	*Roots*	*Stem*	*Crown*	*Comments*	*Physiological*	*Structural*	*Life Expectancy*	*Amenity*	*Category*	*Works*
G241	Ash, Hawthorn	*Fraxinus sp., Crataegus sp.*	Young	10	10+	80 avg	Yes	1	See plan				Limited access prevented detailed inspection and accurate measurements. Young Ash and Hawthorn on steep banking, approx. 80 - 150dbh. Brash and debris throughout group.				Fair	Fair	20 to 40 yrs	Low	C	No works required in current site context
T242	Narrow Leaved Ash	*Fraxinus sp.*	Early-mature	15	1	450	No	2	7	5	5	7	Limited access around base	Single stemmed. Slight lean	Minor deadwood	On banking above road. Slight lean to north and crown weighted to north. Shrubs prevented detailed inspection of base of stem.	Good	Good	>40 yrs	Moderate	B	No works required in current site context
T243	Rowan	*Sorbus aucuparia*	Young	5	1	100	Yes	1	2	2	1.5	1.5	Limited access around base	Single stemmed. Vertical	Normal	On banking above road. Planting stake and tie attached to stem. Shrubs prevented detailed inspection.	Good	Good	20 to 40 yrs	Low	C	No works required in current site context
T244	Hawthorn	*Crataegus monogyna*	Early-mature	7	4	150 150 150 150	No	0.5	3	3	3	3	Limited access around base	Multiple stemmed at base. Old pruning wounds. Stubs. Tight union. Partially included bark	Minor deadwood. Moderate deadwood	On bank above road. Significant deadwood in crown.	Poor	Fair	<10 yrs	Low	U	Removal recommended regardless of development
G245	Ash	*Fraxinus excelsior*	Young	6	10+	120 avg	Yes	1	See plans				Linear group of self-set Ash long edge of pavement. Undergrowth prevented detailed inspection. Climber through crowns. Overhanging pavement to southwest.				Fair	Fair	10 to 20 yrs	Low	C	No works required in current site context

AWA TREE CONSULTANTS

	Tree Species			Measurements				Crown (m)					Tree Condition					Value		Management
Tree ID	*Common Name*	*Latin Name*	*Maturity*	*Height (m)*	*Stems*	*Stem Diameter (mm)*	*Estimated*	*Crown height*	*N*	*E*	*S*	*W*	*Roots*	*Stem*	*Crown*	*Comments*	*Physiological*	*Structural*	*Life Expectancy*	*Amenity*	*Category*	*Works*
T246	Oak	*Quercus sp.*	Semi-mature	14	1	180	No	2	3	2	3.5	3.5	No visual defects	Single stemmed. Vertical	Minor deadwood. Stubs	Within group G247	Good	Good	>40 yrs	Low	C	No works required in current site context
G247	Willow, Birch, Hawthorn	*Salix sp., Betula sp., Crataegus sp.*	Semi-mature	10	10+	160 avg	Yes	1	See plans				Semi-mature woodland group predominantly Goat Willow, Silver Birch and Hawthorn.				Good	Fair	20 to 40 yrs	Low	C	No works required in current site context
T248	Oak	*Quercus sp.*	Early-mature	11	1	270	No	0.5	4	4	4	2	No visual defects	Single stemmed. Vertical. Stubs	Minor deadwood	Good form. Within group G247	Good	Good	>40 yrs	Moderate	B	No works required in current site context
G249	Willow, Ash, Birch, Hawthorn, Cherry	*Salix sp., Fraxinus sp., Betula sp., Crataegus sp., Prunus sp.*	Semi-mature	10	10+	160 avg	Yes	1	See plans				Semi-mature woodland group predominantly Goat Willow, Ash, Hawthorn, Silver Birch, Cherry. Overhanging path to southwest.				Good	Fair	>40 yrs	Low	C	No works required in current site context
G250	Ash, Hawthorn, Elder, Goat Willow	*Fraxinus sp., Crataegus sp., Sambucus sp., Salix sp.*	Young	10	10+	80 avg	Yes	1	See plans				Young trees amongst larger individuals. Some crowns overhanging road to east. Garden furniture etc within group. Brash and debris throughout group.				Fair	Fair	20 to 40 yrs	Low	C	No works required in current site context

	Tree Species			Measurements				Crown (m)					Tree Condition						Value		Management
Tree ID	*Common Name*	*Latin Name*	*Maturity*	*Height (m)*	*Stems*	*Stem Diameter (mm)*	*Estimated*	*Crown height*	*N*	*E*	*S*	*W*	*Roots*	*Stem*	*Crown*	*Comments*	*Physiological*	*Structural*	*Life Expectancy*	*Amenity*	*Category*	*Works*
G251	Goat Willow	*Salix Caprea*	Semi-mature	12	10+	200 avg	Yes	1	See plan				Limited access around base	Multiple stemmed at base. Tight unions	Minor deadwood	Limited access prevented detailed inspection and accurate measurements. 14 stems approx. 100-300 dbh.	Fair	Fair	20 to 40 yrs	Low	C	No works required in current site context
G252	Birch	*Betula pendula*	Semi-mature	14	3	130 130 250	No	2	See plan				Limited access around base	Multiple stemmed at base. Tight unions	Minor deadwood	Limited access prevented detailed inspection and accurate measurements. Overhanging road to east.	Fair	Fair	20 to 40 yrs	Low	C	No works required in current site context
T253	Goat Willow	*Salix Caprea*	Semi-mature	12	2	190 300	No	2	3	4	3	3	Limited access around base	Twin stemmed. Tight unions	Minor deadwood	Limited access prevented detailed inspection and accurate measurements. Overhanging road to east.	Fair	Fair	20 to 40 yrs	Low	C	No works required in current site context
T254	Goat Willow	*Salix Caprea*	Semi-mature	12	3	290 280 180	No	3	3	3	3	3	Limited access around base	Multiple stemmed. Tight unions	Minor deadwood	Limited access prevented detailed inspection and accurate measurements.	Fair	Fair	20 to 40 yrs	Low	C	No works required in current site context
T255	Goat Willow	*Salix Caprea*	Semi-mature	12	1	260	No	3	3	3	3	3	Limited access around base	Single stemmed	Minor deadwood	Limited access prevented detailed inspection and accurate measurements.	Fair	Fair	20 to 40 yrs	Low	C	No works required in current site context

	Tree Species			Measurements				Crown (m)					Tree Condition						Value		Management
Tree ID	*Common Name*	*Latin Name*	*Maturity*	*Height (m)*	*Stems*	*Stem Diameter (mm)*	*Estimated*	*Crown height*	*N*	*E*	*S*	*W*	*Roots*	*Stem*	*Crown*	*Comments*	*Physiological*	*Structural*	*Life Expectancy*	*Amenity*	*Category*	*Works*
T256	Ash	*Fraxinus excelsior*	Early-mature	12	1	400	No	3	4	8	4	2	Limited access around base	Single stemmed. Slight lean	Minor deadwood. Unbalanced crown	Limited access prevented detailed inspection and accurate measurements. Heavy lean towards road. Ivy clad stem.	Fair	Fair	20 to 40 yrs	Low	C	No works required in current site context
T257	Ash	*Fraxinus excelsior*	Semi-mature	14	3	200 100 300	Yes	2	3	4	3	3	Limited access around base	Single stemmed. Slight lean	Minor deadwood	Limited access prevented detailed inspection and accurate measurements. Kinked at base. Ivy clad stem.	Fair	Fair	20 to 40 yrs	Low	C	No works required in current site context

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Appendix 5:
Tree Constraints Plan
View 1

Stairfoot Roundabout, Stairfoot, Barnsley
Ref: AWA7043

BRITISH STANDARD 5837:2012
RETENTION CATEGORIES
Definitions of these categories can be found in Appendix 2 of the report.

SCALE: 1:1200 PAPER: A1

	CATEGORY A: HIGH VALUE RETENTION MOST DESIRABLE
	CATEGORY B: MODERATE VALUE RETENTION DESIRABLE
	CATEGORY C: LOWER VALUE COULD BE RETAINED
	CATEGORY U: UNSUITABLE FOR RETENTION
	RPA: ROOT PROTECTION AREA
	TREE STEM

View 1

View 2

View 3

View 4

View 5

View 2

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Appendix 5:
Tree Constraints Plan
View 2

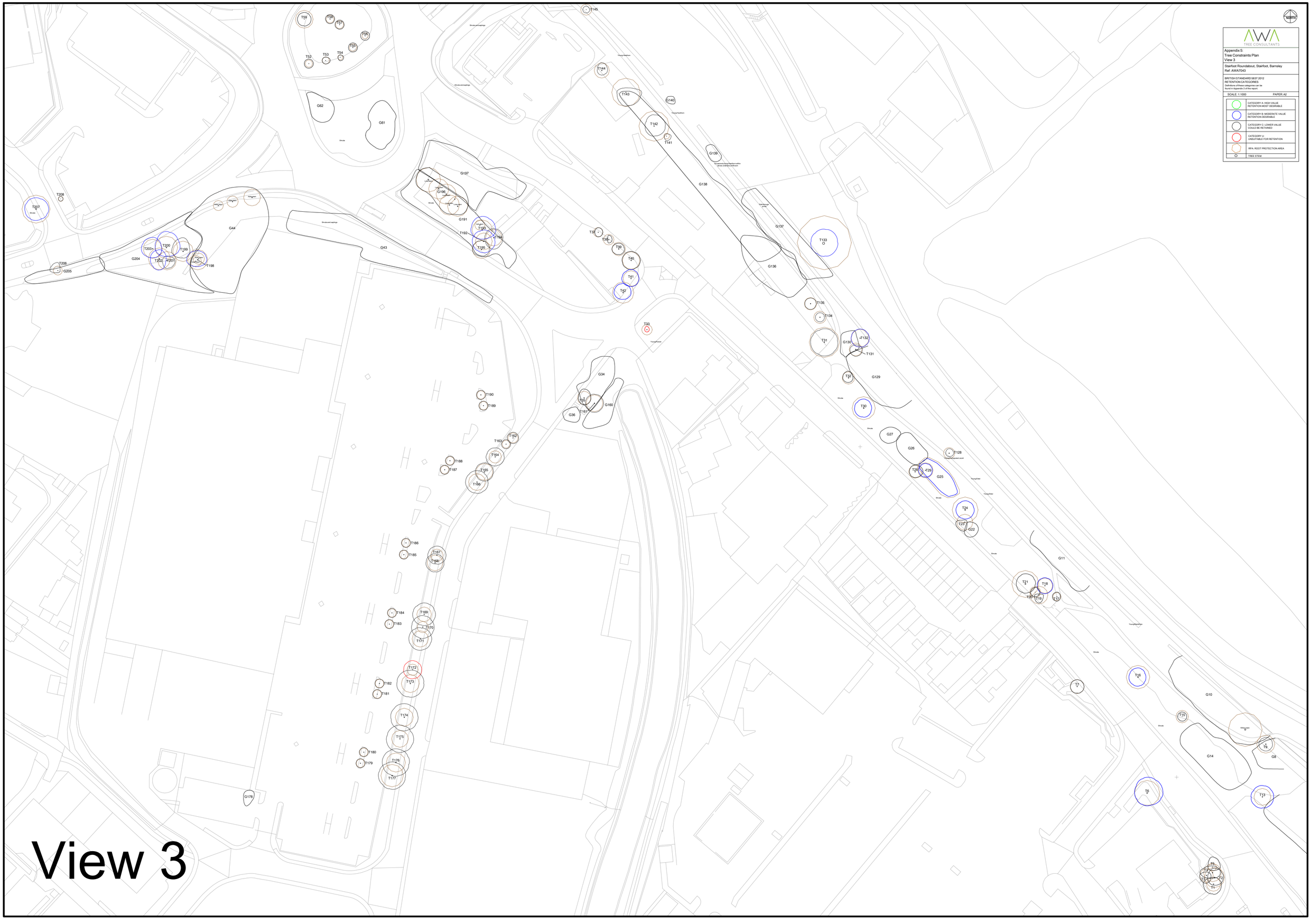
Stairfoot Roundabout, Stairfoot, Barnsley
Ref: AWA7043

BRITISH STANDARD 5837:2012
RETENTION CATEGORIES
Definitions of these categories can be found in Appendix 2 of the report.

SCALE: 1:1000 PAPER: A3

	CATEGORY A: HIGH VALUE RETENTION MOST DESIRABLE
	CATEGORY B: MODERATE VALUE RETENTION DESIRABLE
	CATEGORY C: LOWER VALUE COULD BE RETAINED
	CATEGORY U: UNSUITABLE FOR RETENTION
	RPA: ROOT PROTECTION AREA
	TREE STEM

T244 G245 T243 T242 T248 G247 T99 T98 T246 Fallen Willow T97 T96 G249 T95 T94 Young Olive T93 T92 T91 T90 T89 G250 G251 G252 T253 T254 T255 T257 T256 G241 G235 G236 G234 G227 G237 T226 T228 T229 T230 T233 T232 T238 T231 T84 T83 T88 T87 T86 T85 T224 T225 T239 T240 Young Amelanchier Young Hawthorn T220 T223 T221 T222 G209 Norway Maple Norway Maple Norway Maple Young Yew G219 G218 G217 T210 T211 T212 T213 T215 T214 T216 Young Cherries T50 T51 T49 T48 T47 T45 T46 T79 Young Ash T80 T67 T66 T68 T151 T152 G150 T148 G78 T81 T147 T157 T70 T149 T71 T73 T72 G69 T74 T82 G77 Shrubs and saplings G158 T65 T153 T154 T155 T156 G159 Sycamore stem G64 T63 G76 T146 G75 T145 T144 T143 T60 T59 T58 T57 T56 T55 T52 T53 T54 G62 G61 Shrubs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Appendix 5:
Tree Constraints Plan
View 3
Stairfoot Roundabout, Stairfoot, Barnsley
Ref: AWA7043
BRITISH STANDARD 5837:2012
RETENTION CATEGORIES
Definitions of these categories can be found in Appendix 2 of the report.
SCALE: 1:1000
PAPER: A2
CATEGORY A: HIGH VALUE
RETENTION MOST DESIRABLE
CATEGORY B: MODERATE VALUE
RETENTION DESIRABLE
CATEGORY C: LOWER VALUE
COULD BE RETAINED
CATEGORY U
UNSUITABLE FOR RETENTION
RPA: ROOT PROTECTION AREA
TREE STEM
View 3

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Appendix 5:
Tree Constraints Plan
View 4

Stairfoot Roundabout, Stairfoot, Barnsley
Ref: AWA7043

BRITISH STANDARD 5837:2012
RETENTION CATEGORIES
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SCALE: 1:1000 PAPER: A3

	CATEGORY A: HIGH VALUE RETENTION MOST DESIRABLE
	CATEGORY B: MODERATE VALUE RETENTION DESIRABLE
	CATEGORY C: LOWER VALUE COULD BE RETAINED
	CATEGORY U: UNSUITABLE FOR RETENTION
	RPA: ROOT PROTECTION AREA
	TREE STEM

T128
Young Portuguese Laurel
G25
Young Elder
Young Elder
Shrubs
T24
T23
G22
Shrubs
G11
T21
T18
T20
T19
T17
Young Blackthorn
Shrubs
T16
T7
G10
T15
Shrubs
Willow stem
T9
G8
G14
T6
T13
G12
T5
T4
T3
T2
T1
G127
T126
T125
T123
T124
T122
T121
T100
T101
T102
T103
T120
T119
T104
T105
T106
T118
G117
T107
T108
T109
T110
T111
T112
T113
G116
T114
T115

View 4

em

w stem

Torn out

Willow stem

Birch stem

36

h stem

G250

G251

G252

T253

T254

T255

G241

T257

T256

G237

T233

T232

T238

T231

T84

T83

T239

T240

Young Amelanchier

Young Hawthorn

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Appendix 5:
Tree Constraints Plan
View 5

Stairfoot Roundabout, Stairfoot, Barnsley
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	CATEGORY U: UNSUITABLE FOR RETENTION
	RPA: ROOT PROTECTION AREA
	TREE STEM

View 5