



ARBORICULTURAL REPORT & Impact Assessment to BS5837:2012 at:

***Dismantled railway between
Bar Lane and Lee Lane,
Barnsley***

Prepared for:
Barnsley Metropolitan Borough Council

Date: March 2022

Reference: AWA4235



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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 January 2022.
- 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, Principle and Director of AWA Tree Consultants Ltd. The tree survey data collection was carried out by Mr James Godfrey BA (Hons), Cert Arb L3, Level 4 Forestry and Arboriculture, TechArborA, 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 a dismantled railway line/public footpath between the villages of Athersley North and Royston, both within the Metropolitan Borough of Barnsley.
- 2.1.2 The site runs either side of a public footpath built along a former railway line between Bar Lane to the south and Lee Lane to the north. The eastern boundary is bordered by residential properties and agricultural fields. The western boundary is bordered by agricultural fields with several commercial buildings towards the southern end. The public footpath continues beyond the northern and southern boundaries.
- 2.1.3 The approximate area of the survey is highlighted in the image below (Google Earth, 2021):



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 has been carried out with Barnsley Metropolitan Borough Council on 1st February to ascertain whether any trees at the site are located within a Conservation area or are protected by a Tree Preservation Order (TPO). 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 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.
- 3.1.5 When appointing a tree surgeon, only properly qualified and experienced companies should be used, who have adequate Public Liability and Employer's Liability Insurance.
- 3.1.6 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 185 items of woody vegetation, comprised of 162 individual trees and 23 groups of trees or shrubs or hedges.
- 3.2.2 Of the surveyed trees: 32 trees are retention category 'U', 14 trees are retention category 'B', and the remaining 139 trees and groups are

retention category 'C' (explanatory details regarding the retention categories are included at Appendix 3).

- 3.2.3 There is a moderate degree of species diversity within the surveyed area. The dominant species is Goat Willow, with several Oak, Birch, Hawthorn and Sycamore, and the occasional Poplar, Alder and Ash. The site's trees have a good age diversity with a mix of semi-mature, early-mature and mature trees.
- 3.2.4 Full details of the surveyed trees are provided in the attached tree data schedule at Appendix 4. General comments are provided below:
- 3.2.5 South of Bar Lane contained occasional low value trees and tree groups. T2 is a Poplar within G1 that has root damage and a significant lean, likely caused by adjacent ground works to the west of the trees.
- 3.2.6 The surveyed area north of Bar Lane was within a steep-sided ravine. Accessible trees within the ravine were found to be in various conditions, many appearing to be in decline or contain significant structural defects that made their retention undesirable in the current context of the site. This included T2, T11, T16, T17, T19, T25, T26, T27, T41, T42, T46, T47, T55, T57, T59, T60, T66, T70, T71, T74, T87, T90, T92, T93, T94, T100, T105, T110, T112, T135, and T137. It is recommended that these trees are removed regardless of any proposed development.
- 3.2.7 Only very occasional trees within the southern half of the site are of moderate arboricultural interest within the context of the site. Oaks T36 and T49, and Maple T48 appeared in good overall health with a moderate degree of amenity and had good long-term value.
- 3.2.8 G109 and G111 were steep bankside groups mainly consisting of multiple-stemmed Sycamore. Access prevented detailed inspection, but occasional cavities with minor decay and tight unions were visible on numerous stems throughout both groups. Individually these trees were of low value but provided the site with a good degree of screening.
- 3.2.9 The northern half of the footpath runs across the top of some banking, which slopes down either side to the east and west. Trees within this area appeared to be in a better overall condition. T99, T132, T133, T139, T145, T147, T154, T162, T164, T182, and T183 were considered more arboriculturally significant, contributing to the amenity and treescape of the local area and offering good long-term prospects.
- 3.2.10 G143, G144, G146, G148, G149, G155, G158, G161, G165, G174, G176, and G181 are low value tree groups bordering the eastern and western sides of the northern footpath. Juvenile trees and saplings border the footpath with

occasional larger trees further out, growing on the banking toward the edge of the surrounding fields.

- 3.2.11 While the number of Ash trees on site was not significant, many Ash in the wider region are being impacted by the fungal pathogen Ash dieback disease. Once a tree is infected, the disease is usually fatal, either directly or indirectly. While the identified Ash trees on site may continue to provide landscape and wildlife benefits for some time, their long-term prospects are likely to be limited because of Ash dieback.
- 3.2.12 Many trees were covered in dense Ivy or were inaccessible (as detailed in Appendix 4). In such cases measurements were estimated and the condition values are indicative only.
- 3.2.13 The tree Root Protection Area (RPA) detailed on the Tree Constraints Plan at Appendix 5 has been 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.
- 3.2.14 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.
- 3.2.15 The 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.

3.3 Photographs



Photo 1: The start of the footpath near Bar Lane. G1 and T3, looking north



Photo 2: T5 to T17, looking south



Photo 3: T41, T42, T46 and T47 had significant leans over the footpath and are recommended for removal regardless of development. Looking north



Photo 4: G109 to T117, looking south



Photo 5: T131 to T133 and G138, looking north



Photo 6: The northern area near Lee Lane contained little of arboricultural interest. G171 and T173, looking north

4. Arboricultural Impact Assessment

4.1 Proposed New Development

- 4.1.1 It is proposed to build a new cycle path with associated ground level changes and flood storage swale. The development proposals have been provided by Barnsley Metropolitan Borough Council and inform this arboricultural impact assessment and the Tree Impacts Plan at Appendix 6.

4.2 Direct Impacts

- 4.2.1 From assessing the new development proposals, 77 trees and 3 tree groups will require removal to facilitate the development, and 2 tree groups require partial removal to facilitate the proposed development.
- 4.2.2 The trees and tree groups that are required to be removed are T3, T8, T9, T10, T12, T13, T14, T15, T18, T23, T24, T28, T29, T30, T31, T32, T33, T34, T35, T36, T37, T38, T39, T40, T43, T44, T45, T50, T61, T62, T63, T64, T67, T68, T73, T75, T78, T80, T81, T82, T83, T84, T85, T86, T88, T95, T96, T98, T99, T101, T102, T103, T104, T106, T107, T108, T114, T115, T116, T117, G119, T120, T121, T124, T126, T127, T128, T136, G142, T147, T150, T152, T153, T156, T159, G171, T175, T177, T183, T184 and T185.
- 4.2.3 G1 and G174 will require the removal of a section of trees along their eastern boundaries.
- 4.2.4 Trees and groups requiring removal or partial removal have been identified in red on the attached tree plan at Appendix 6.
- 4.2.5 T36, T99, T147 and T183 are retention category 'B', and the remaining 76 trees and groups are retention category 'C'.
- 4.2.6 The retention category 'C' trees and tree groups requiring removal are all lower value and any negative arboricultural impact caused from their removal will be negligible. The removal of T36, T99 and T147 will have some negative arboricultural impact, however the retention of other moderate value trees and large tree groups throughout the site will minimise for these losses in the longer term.
- 4.2.7 The removal of trees from tree groups G1 and G174 will have only a negligible negative arboricultural impact. The remaining trees within these groups will readily tolerate the removals and their long-term screening and amenity value will not be negatively impacted.

- 4.2.8 Retained trees and tree groups T7, T22, T52, T53, T56, T58, T69, T72, T79, T77, T113, T118, T122, G123, T125, T129, T132, T133, T134, T141, G143, G144, T145 and G165 require pruning works to facilitate the proposed development, as detailed at Appendix 4.
- 4.2.9 Retained trees and tree groups T22, T122, G123, T125, T129, T132, and T145 will require crown lifting to 4m, while T7, T52, T77, G143, G144 and G165 will require crown and canopy reduction. These pruning works will provide suitable clearance from the proposed development. It is likely that the trees will readily tolerate these pruning works and their long-term health and amenity will not be negatively impacted.
- 4.2.10 Retained trees T52, T53, T56, T58, T69, T72, T79, T113, T118 and T141 require coppicing to suitable heights to facilitate the development. This will allow for their safe retention as part of the new development. Species characteristics mean these retained trees are likely to tolerate these works.
- 4.2.11 Several trees were found to be in such poor condition or contain significant defects as to be recommended for removal regardless of development. These trees are T2, T11, T16, T17, T19, T25, T26, T27, T41, T42, T46, T47, T55, T57, T59, T60, T66, T70, T71, T74, T87, T90, T92, T93, T94, T100, T105, T110, T112, T135, and T137, identified in shaded red in the Tree Impacts Plan at Appendix 6.

4.3 Indirect Impacts

- 4.3.1 The tree Root Protection Area (RPA) detailed on the Tree Plans at Appendices 5 and 6, has been 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.
- 4.3.2 Construction and excavation work within the RPA of retained trees can have negative impacts on tree roots.
- 4.3.3 Potentially damaging activities are proposed in the vicinity of retained trees. The new cycle path, ground level changes and proposed flood storage swale encroach close to and into the RPA of retained trees T5, T7, T20, T21, T22, T48, T49, T54, T65, T76, T77, T97, T125, T129, T131, T132, T133, T134, T139, T145, T151, T154, T157, T160, T162, T163, T164, T173, T178, T179, T180 and T182.
- 4.3.4 The encroachment into the RPA of retained trees T5, T20, T21, T54, T65, T125, T134, T139, T151, T154, T157 and T173 is very minor and as such it is unlikely that significant roots will be within these areas and the retained trees should remain largely unaffected by the works, provided care is taken during construction.

- 4.3.5 Retained trees T7, T22, T48, T49, T48, T76, T77, T97, T129, T131, T132, T133, T145, T151, T160, T162, T163, T164, T178, T179, T180, T182 are growing on the side of steep embankments either side of the existing footpath. Abrupt changes in topography, such as cliffs or steep hills, can limit root development and as such may have limited significant roots of retained trees developing into the footprint of the proposed cycle path.
- 4.3.6 Much of the proposed development is within the footprint of a disused railway line. Historic footings and hardstanding may limit significant root development in these areas, and as such the trees selected for retention will likely tolerate some minor ground disturbance within the footprint of the disused railway line.
- 4.3.7 The buildability of the proposed development has been assessed in terms of access, adequate working space and provision for the storage of materials in relation to the trees.

4.4 Suitable Mitigation

- 4.4.1 The development of the site provides opportunity to undertake new tree planting throughout the site as part of a soft landscaping scheme. As such, suitable new tree planting has the potential to mitigate for the required tree removals and, in the longer term, has the potential to improve the sites tree cover.

4.5 Protection of the Retained Trees

- 4.5.1 Some of the retained trees may require protection by fencing in accordance with BS 5837: 2012, during the development phase.
- 4.5.2 An associated Arboricultural Method Statement, detailing protective fencing specifications and construction methods close to the retained trees is to be provided.

5. Signature

I trust this report provides all the required information.

Signed



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Adam Winson, Chartered Arboriculturist, MSc, BSc (Hons), MICFor, ACIEM.

14th March 2022

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Appendices

Appendix 1: Authors Qualifications and Experience

Appendix 2: Survey Methodology and Limitations

Appendix 3: Explanation of Tree Descriptions

Appendix 4: Tree Data

Appendix 5: Tree Constraints Plan

Appendix 6: Tree Impacts Plan

Appendix 1: Authors Qualifications & Experience

Mr Adam Winson Chartered Arboriculturist, MSc, BSc (Hons), MICFor, MArborA, ACIEEM, QTRA Registered

Adam is the company Director and Principle 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 has original research published by the UK Forestry Commission. His work ranges from individual expert tree inspections to managing trees on major multimillion pound housing developments and 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.

Mr James Brown BSc (Hons) Arboriculture, MArborA, PTI (Lantra)

James has a BSc (Hons) in Arboriculture, attaining first class honours, as well as being awarded the Institute of Chartered Forester's Student award. He is a Professional Member of the Arboricultural Association and an Associate of the Institute of Chartered Foresters. James joined AWA in 2016, after previously working in Europe's largest tree nursery and has experience of Local Authority tree officer work. His main work consists of tree surveys for development projects and preparing Tree Protection Schemes to BS 5837:2012.

Dr Felicity Stout Ph.D, MA, BA (Hons), Cert Ed (Forestry), TechArborA, PTI (Lantra)

Felicity has worked in the tree care profession for the last 10 years. She has a Certificate in Higher Education in Forestry, with a focus on Urban Forestry. She has practical arboricultural contractor experience and is a qualified and experienced Social Forestry practitioner. Felicity has a PhD in History, with a particular interest in the history of woodland and tree management and has published in The Arboricultural Journal on this subject.

Mr Tom Readman FdSc Arboriculture, Cert Arb L3, TechArborA, Valid Tree Risk-Benefit Validator

Tom joined AWA from his previous role as a tree risk surveyor with Harrogate Borough Council, where he undertook tree risk surveys at a range of sites and prescribed suitable works. Tom also has extensive previous experience as a climbing arborist. Tom achieved a Distinction in the Foundation Degree in Arboriculture, while working at AWA, and has previously achieved Distinction Star, and was recognised as the student of the year, in the Extended Diploma in Forestry and Arboriculture. Tom's work focuses on tree risk surveys and accurate tree data collection for development projects to BS 5837:2012

Mr James Godfrey BA (Hons), Cert Arb L3, Level 4 Forestry and Arboriculture, TechArborA

James has extensive arboricultural experience working as a team leader within the public and private sector. By achieving a Distinction Star in the Extended Diploma in Forestry and Arboriculture, James was able to use his knowledge to inform and carry out appropriate maintenance that ensured the long-term wellbeing of trees across the UK. During his time at Darlington Borough Council, James provided on-site assessment and the management of the remedial works required to ensure safe and suitable retention of trees that provide a multitude of benefits to the urban environment. Currently, James is completing a Foundation Degree in Arboriculture and Tree Management, while working at AWA.

Mr David Miller BA (Hons), PGCE education, Dip Arboriculture Level 4, TechArborA

David joined AWA after having managed his own tree care team for 8 years and gained a wealth of experience in the tree care industry. Prior to this David spent 10 years working in secondary mainstream and special education. David has also travelled worldwide, mainly trekking and running. His main work at AWA consists of tree surveys for development projects and preparing Tree Protection Schemes to BS 5837:2012.

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 BS5837 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 and includes information of the first significant branch and direction of growth.

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 black 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 for removal. These trees are in such a condition that any existing value would be lost within 10 years.

Tree ID	Tree Species		Maturity	Measurements				Crown (m)				Tree Condition							Value		Management	
	Common Name	Latin Name		Height (m)	Stems	Stem Diameter (mm)	Estimated	Ave Height	N	E	S	W	Roots	Stem	Crown	Comments	Physiological	Structural	Life Expectancy	Amenity	Category	Works
G1	Poplar Hawthorn Elder Cherry	Populus sp. Crataegus sp. Sambucus sp. Prunus sp.	Semi-mature	12	10+	240	Yes	1.5	See Plan				Unmanaged bankside group. Poplar grouped around western aspect with Hawthorn and Elder making up understorey. Occasional Cherry. Ground works to raise ground level to the west of the group has covered some trees' lower stems. Provides moderate screening				Fair	Fair	20 to 40 yrs	Low	C	Removal of trees within eastern section required to facilitate development
T2	Poplar	Populus canescens	Early-mature	10	1	330	No	4	5	3	1	1	Increase in soil level. Adjacent ground works. Ground level changes	Single stemmed. Significant lean. Old pruning wounds. Stubs. Bark damage	Old pruning wounds. Cavities. Minor deadwood. Snapped /hanging branches. Unbalanced	Roots damaged and tree leaning north into G1, likely as a result of ground works to west	Fair	Poor	<10 yrs	Low	U	Removal recommended regardless of development
T3	Sycamore	Acer pseudoplatanus	Early-mature	11	6	230 avg	Yes	2	4.5	4	4.5	4.5	No visual defects	Multiple stemmed at base. Vertical. Epicormic growths. Old pruning wounds. Stubs. Partially included bark. Cup-like union collecting dirt/water. Bark damage	Rubbing branches. Old pruning wounds. Cavities. Minor deadwood. Snapped /hanging branches	Included bark at base. Minor vandalism on several stems	Fair	Fair	10 to 20 yrs	Low	C	Removal required to facilitate development
G4	Hawthorn	Crataegus monogyna	Early-mature	6	10+	140	Yes	0.5	See Plan				Unmanaged roadside group. Multiple stemmed and bramble covered. Access prevented limited inspection and accurate stem measurements				Fair	Fair	20 to 40 yrs	Low	C	No works required

Tree Species				Measurements				Crown (m)				Tree Condition							Value		Management	
Tree ID	Common Name	Latin Name	Maturity	Height (m)	Stems	Stem Diameter (mm)	Estimated	Ave Height	N	E	S	W	Roots	Stem	Crown	Comments	Physiological	Structural	Life Expectancy	Amenity	Category	Works
T5	Birch	Betula pendula	Semi-mature	11	1	160	No	2	1	2.5	3	2	No visual defects	Single stemmed. Slight lean to south. Epicormic growths. Old pruning wounds. Stubs	Old pruning wounds. Cavities. Minor deadwood. Snapped /hanging branches	Slight lean corrects at 2m	Fair	Fair	20 to 40 yrs	Moderate	C	No works required
T6	Birch	Betula pubescens	Semi-mature	10	1	110	Yes	1.5	1	2.5	1	1	No visual defects	Single stemmed. Vertical. Epicormic growths. Old pruning wounds. Stubs	Old pruning wounds. Cavities. Minor deadwood. Snapped /hanging branches		Fair	Fair	20 to 40 yrs	Moderate	C	No works required
T7	Hawthorn	Crataegus monogyna	Early-mature	7	8	100 avg	Yes	1	2	2.5	2.5	3	Limited access around base	Multiple stemmed at 0.5m. Vertical. Epicormic growths. Old pruning wounds. Stubs. Tight union	Old pruning wounds. Cavities. Minor deadwood. Snapped /hanging branches	Bramble covered	Fair	Fair	>40 yrs	Low	C	Reduce western crown by 1m to facilitate development
T8	Goat Willow	Salix caprea	Early-mature	9.5	2	250 100	Yes	1	2	2.5	2	2	No visual defects	Multiple stemmed at base. Slight lean to east. Epicormic growths. Old pruning wounds. Stubs	Old pruning wounds. Cavities. Minor deadwood. Snapped /hanging branches	Leans over path	Fair	Fair	20 to 40 yrs	Low	C	Removal required to facilitate development

	Tree Species			Measurements				Crown (m)				Tree Condition								Value		Management
Tree ID	Common Name	Latin Name	Maturity	Height (m)	Stems	Stem Diameter (mm)	Estimated	Ave Height	N	E	S	W	Roots	Stem	Crown	Comments	Physiological	Structural	Life Expectancy	Amenity	Category	Works
T9	Goat Willow	Salix caprea	Mature	11	6	250 avg	Yes	4	5	5	6	6.5	No visual defects	Multiple stemmed at base. Slight lean to west. Epicormic growths. Old pruning wounds. Stubs. Bark damage. Tight union. Included bark Minor cavities	Old pruning wounds. Cavities. Moderate deadwood. Snapped /hanging branches. Unbalanced	Western stem has significant lean over path, tight union with included bark at base	Fair	Poor	10 to 20 yrs	Moderate	C	Removal required to facilitate development
T10	Goat Willow	Salix caprea	Mature	9	2	270 180	Yes	2	4	3	3.5	6	Root damage /loss. Damage to buttress roots	Twin stemmed at base. Significant lean to west. Epicormic growths. Old pruning wounds. Stubs. Cavities. Decay	Old pruning wounds. Cavities. Snapped /hanging branches. Minor deadwood		Fair	Poor	10 to 20 yrs	Low	C	Removal required to facilitate development
T11	Poplar	Populus canescens	Semi-mature	8	2	200 90	Yes	3	1	1	3	4	Exposed roots. Waterlogged	Twin stemmed at 0.5m. Significant lean. Old pruning wounds. Stubs. Bark damage. Cavities. Major decay	All dead / absent. Major deadwood. Snapped /hanging branches	Leans over path	Dead	Dead	n/a	Low	U	Removal recommended regardless of development
T12	Hawthorn	Crataegus monogyna	Mature	8	1	270	Yes	0.5	3	3	3	3	Exposed roots	Single stemmed. Vertical. Epicormic growths. Old pruning wounds. Stubs	Old pruning wounds. Cavities. Minor deadwood. Snapped /hanging branches	Growing on dilapidated brick wall	Fair	Fair	>40 yrs	Low	C	Removal required to facilitate development

Tree Species				Measurements				Crown (m)				Tree Condition							Value		Management	
Tree ID	Common Name	Latin Name	Maturity	Height (m)	Stems	Stem Diameter (mm)	Estimated	Ave Height	N	E	S	W	Roots	Stem	Crown	Comments	Physiological	Structural	Life Expectancy	Amenity	Category	Works
T13	Hawthorn	Crataegus monogyna	Early-mature	9	10+	90 avg	Yes	0.5	2.5	2.5	4	2	No visual defects	Multiple stemmed at base. Vertical. Epicormic growths. Old pruning wounds. Stubs. Tight union. Partially included bark. Minor cavities. Minor decay	Old pruning wounds. Cavities. Minor deadwood. Snapped /hanging branches		Fair	Fair	>40 yrs	Low	C	Removal required to facilitate development
T14	Birch	Betula pendula	Semi-mature	12	1	170	No	8	2.5	1.5	2.5	1.5	No visual defects	Single stemmed. Vertical. Epicormic growths. Old pruning wounds. Stubs	Old pruning wounds. Cavities. Minor deadwood. Snapped /hanging branches		Fair	Fair	20 to 40 yrs	Low	C	Removal required to facilitate development
T15	Goat Willow	Salix caprea	Early-mature	12	1	240	No	7	2.5	3.5	2	1.5	No visual defects	Single stemmed. Slight lean. Epicormic growths. Old pruning wounds. Stubs. Bark damage. Cavities. Decay	Old pruning wounds. Cavities. Minor deadwood. Snapped /hanging branches. Rubbing branches	Leans over path. Cavity at base with some reaction wood	Fair	Fair	10 to 20 yrs	Low	C	Removal required to facilitate development
T16	Birch	Betula pubescens	Young	8	1	100	No	6	2.5	3	1.5	1	Waterlogged	Single stemmed. Slight lean to east. Old pruning wounds. Stubs. Bark damage. Major cavity. Decay	Small / sparse. Old pruning wounds. Cavities. Minor deadwood. Snapped /hanging branches	Leans over path	Poor	Poor	<10 yrs	Low	U	Removal recommended regardless of development

Tree Species				Measurements				Crown (m)				Tree Condition							Value		Management	
Tree ID	Common Name	Latin Name	Maturity	Height (m)	Stems	Stem Diameter (mm)	Estimated	Ave Height	N	E	S	W	Roots	Stem	Crown	Comments	Physiological	Structural	Life Expectancy	Amenity	Category	Works
T17	Birch	Betula pubescens	Semi-mature	12	1	120	Yes	4	1.5	1	1.5	2	Waterlogged	Single stemmed. Slight lean. Epicormic growths. Old pruning wounds. Stubs. Bark damage. Major cavity. Decay	Old pruning wounds. Cavities. Minor deadwood. Snapped /hanging branches	Overhangs path	Poor	Poor	<10 yrs	Low	U	Removal recommended regardless of development
T18	Sycamore	Acer pseudoplatanus	Semi-mature	13	1	300	Yes	6	3.5	3.5	3.5	3.5	No visual defects	Single stemmed. Vertical. Epicormic growths. Old pruning wounds. Stubs	Old pruning wounds. Cavities. Minor deadwood. Snapped /hanging branches		Fair	Fair	>40 yrs	Moderate	C	Removal required to facilitate development
T19	Goat Willow	Salix caprea	Semi-mature	12	1	170	No	3	2	2.5	2.5	2.5	Waterlogged	Single stemmed. Slight lean to south. Epicormic growths. Old pruning wounds. Stubs. Bark damage. Cavities. Decay	Old pruning wounds. Cavities. Moderate deadwood. Snapped /hanging branches	Failed stem to east. Leans into path	Poor	Poor	<10 yrs	Low	U	Removal recommended regardless of development
T20	Goat Willow	Salix caprea	Young	6	1	110	No	2	3	1.5	1	1.5	No visual defects	Single stemmed. Slight lean to east. Epicormic growths. Old pruning wounds. Stubs	Old pruning wounds. Cavities. Minor deadwood. Snapped /hanging branches		Fair	Fair	20 to 40 yrs	Low	C	No works required

	Tree Species			Measurements				Crown (m)				Tree Condition							Value		Management	
Tree ID	Common Name	Latin Name	Maturity	Height (m)	Stems	Stem Diameter (mm)	Estimated	Ave Height	N	E	S	W	Roots	Stem	Crown	Comments	Physiological	Structural	Life Expectancy	Amenity	Category	Works
T21	Birch	Betula pubescens	Early-mature	13	1	180	Yes	8	2	2	2	2	No visual defects	Single stemmed. Slight lean. Epicormic growths. Old pruning wounds. Stubs. Bark damage. Minor cavity. Decay	Old pruning wounds. Cavities. Minor deadwood. Snapped /hanging branches	Cavity at base	Fair	Fair	20 to 40 yrs	Low	C	No works required
T22	Birch	Betula pubescens	Semi-mature	12	1	160	Yes	2.5	3	2	1.5	2	No visual defects	Single stemmed. Vertical. Epicormic growths. Old pruning wounds. Stubs	Old pruning wounds. Cavities. Minor deadwood. Snapped /hanging branches		Fair	Fair	20 to 40 yrs	Low	C	Raise crown to 4m to facilitate development
T23	Goat Willow	Salix caprea	Early-mature	12	1	280	No	3	2	4	2	2	No visual defects	Single stemmed. Vertical. Epicormic growths. Old pruning wounds. Stubs. Bark damage. Cavities. Decay	Old pruning wounds. Cavities. Minor deadwood. Snapped /hanging branches. Rubbing branches	Cavity on western aspect of stem, good reaction wood	Fair	Fair	10 to 20 yrs	Low	C	Removal required to facilitate development
T24	Birch	Betula pubescens	Early-mature	13	1	170	No	7	1.5	2	2	1	No visual defects	Single stemmed. Vertical. Epicormic growths. Old pruning wounds. Stubs. Bark damage. Cavities. Decay	Old pruning wounds. Cavities. Minor deadwood. Snapped /hanging branches		Fair	Fair	10 to 20 yrs	Low	C	Removal required to facilitate development

Tree Species				Measurements				Crown (m)				Tree Condition							Value		Management	
Tree ID	Common Name	Latin Name	Maturity	Height (m)	Stems	Stem Diameter (mm)	Estimated	Ave Height	N	E	S	W	Roots	Stem	Crown	Comments	Physiological	Structural	Life Expectancy	Amenity	Category	Works
T25	Birch	Betula pubescens	Early-mature	13	1	220	No	7	2.5	2.5	2.5	2.5	No visual defects	Single stemmed. Vertical. Epicormic growths. Old pruning wounds. Stubs. Bark damage. Major cavity. Major decay	Old pruning wounds. Cavities. Minor deadwood. Snapped /hanging branches	Major vertical cavity on northern aspect of stem	Poor	Poor	<10 yrs	Low	U	Removal recommended regardless of development
T26	Goat Willow	Salix caprea	Semi-mature	12	1	180	Yes	6	2.5	2	3	2	No visual defects	Twin stemmed at base. Vertical. Epicormic growths. Old pruning wounds. Stubs. Bark damage. Major cavity. Major decay	Small / sparse. Old pruning wounds. Cavities. Moderate deadwood. Snapped /hanging branches		Poor	Poor	<10 yrs	Low	U	Removal recommended regardless of development
T27	Goat Willow	Salix caprea	Early-mature	10	1	280	No	2	3.5	2	1	2	No visual defects	Single stemmed. Slight lean. Epicormic growths. Old pruning wounds. Stubs. Bark damage. Major cavity. Major decay	Old pruning wounds. Cavities. Moderate deadwood. Snapped /hanging branches	Vertical fracture on main stem and previously failed lateral branch	Poor	Poor	<10 yrs	Low	U	Removal recommended regardless of development
T28	Birch	Betula pendula	Early-mature	13	1	210	No	10	2	2	2	2	No visual defects	Single stemmed. Vertical. Epicormic growths. Old pruning wounds. Stubs. Minor decay	Old pruning wounds. Cavities. Minor deadwood. Snapped /hanging branches		Fair	Fair	20 to 40 yrs	Moderate	C	Removal required to facilitate development

Tree Species				Measurements				Crown (m)				Tree Condition							Value		Management	
Tree ID	Common Name	Latin Name	Maturity	Height (m)	Stems	Stem Diameter (mm)	Estimated	Ave Height	N	E	S	W	Roots	Stem	Crown	Comments	Physiological	Structural	Life Expectancy	Amenity	Category	Works
T29	Birch	Betula pendula	Early-mature	13	2	240 210	No	5	2.5	2	1.5	4	No visual defects	Twin stemmed at base. Slight lean to east. Epicormic growths. Old pruning wounds. Stubs. Bark damage. Minor cavities. Minor decay	Old pruning wounds. Cavities. Minor deadwood. Snapped /hanging branches	Poor union at base. Western stem with cavities and leans over path	Fair	Fair	10 to 20 yrs	Moderate	C	Removal required to facilitate development
T30	Goat Willow	Salix caprea	Mature	13	1	300	No	5	3	2.5	3	2.5	No visual defects	Twin stemmed at 2m. Vertical. Epicormic growths. Old pruning wounds. Stubs. Bark damage. Tight union. Partially included bark. Minor cavities. Minor decay. Decay fungi	Old pruning wounds. Cavities. Minor deadwood. Snapped /hanging branches. Rubbing branches	Rubbing stems with some included bark	Fair	Poor	10 to 20 yrs	Low	C	Removal required to facilitate development
T31	Goat Willow	Salix caprea	Mature	11	2	210 210	No	3	3	2	4	2.5	No visual defects	Twin stemmed at base. Vertical. Old pruning wounds. Stubs. Bark damage. Minor cavities. Minor decay	Old pruning wounds. Cavities. Moderate deadwood. Snapped /hanging branches	Significant vertical cavity on northern stem. Additional cavity at base of both stems	Fair	Poor	10 to 20 yrs	Low	C	Removal required to facilitate development
T32	Birch	Betula pubescens	Early-mature	13	1	170	No	8	1.5	1	1.5	1.5	Exposed roots	Single stemmed. Vertical. Old pruning wounds. Stubs	Small / sparse. Minor deadwood. Snapped /hanging branches		Fair	Fair	20 to 40 yrs	Low	C	Removal required to facilitate development

Tree Species				Measurements				Crown (m)				Tree Condition							Value		Management	
Tree ID	Common Name	Latin Name	Maturity	Height (m)	Stems	Stem Diameter (mm)	Estimated	Ave Height	N	E	S	W	Roots	Stem	Crown	Comments	Physiological	Structural	Life Expectancy	Amenity	Category	Works
T33	Goat Willow	Salix caprea	Mature	13	1	280	No	3.5	3	2	4.5	2.5	No visual defects	Single stemmed. Vertical. Epicormic growths. Old pruning wounds. Stubs. Tight union. Bark damage. Minor cavities. Minor decay	Old pruning wounds. Cavities. Minor deadwood. Snapped /hanging branches		Fair	Fair	20 to 40 yrs	Low	C	Removal required to facilitate development
T34	Hawthorn	Crataegus monogyna	Semi-mature	7.5	5	130 100 90 80 60	No	2	1.5	3	3.5	1.5	No visual defects	Multiple stemmed at 1m. Vertical. Epicormic growths. Old pruning wounds. Stubs. Tight union	Old pruning wounds. Cavities. Minor deadwood. Snapped /hanging branches		Fair	Fair	>40 yrs	Low	C	Removal required to facilitate development
T35	Birch	Betula pubescens	Semi-mature	13	1	170	No	9	2	2	2	2	No visual defects	Single stemmed. Vertical. Old pruning wounds. Stubs. Bark damage. Major cavity. Minor decay	Low vigour. Old pruning wounds. Cavities. Minor deadwood. Snapped /hanging branches	Significant vertical cavity on western aspect of stem	Poor	Poor	10 to 20 yrs	Low	C	Removal required to facilitate development
T36	Oak	Quercus robur	Early-mature	13	6	190 avg	Yes	4.5	4	5	5	4	No visual defects	Multiple stemmed at 1m. Vertical. Epicormic growths. Old pruning wounds. Stubs	Old pruning wounds. Cavities. Minor deadwood. Snapped /hanging branches		Fair	Fair	>40 yrs	Moderate	B	Removal required to facilitate development

Tree Species				Measurements				Crown (m)				Tree Condition							Value		Management	
Tree ID	Common Name	Latin Name	Maturity	Height (m)	Stems	Stem Diameter (mm)	Estimated	Ave Height	N	E	S	W	Roots	Stem	Crown	Comments	Physiological	Structural	Life Expectancy	Amenity	Category	Works
T37	Birch	Betula pubescens	Semi-mature	10	1	100	No	8	4	1	0.5	1	No visual defects	Single stemmed. Epicormic growths. Significant lean to north. Old pruning wounds. Stubs. Minor cavities. Minor decay	Low vigour. Old pruning wounds. Cavities. Minor deadwood. Snapped /hanging branches		Fair	Fair	10 to 20 yrs	Low	C	Removal required to facilitate development
T38	Goat Willow	Salix caprea	Early-mature	11	2	200 180	Yes	3	2	3	2	4	Limited access around base	Twin stemmed at base. Vertical. Stubs. Old pruning wounds. Bark damage. Cup-like union collecting dirt/water. Minor cavities. Minor decay	50% dead / absent. Old pruning wounds. Cavities. Major deadwood. Snapped /hanging branches		Poor	Fair	10 to 20 yrs	Low	C	Removal required to facilitate development
T39	Goat Willow	Salix caprea	Semi-mature	10	1	200	No	6	2.5	4	1	0.5	Exposed roots	Single stemmed. Slight lean to east. Epicormic growths. Old pruning wounds. Stubs. Minor cavities. Minor decay	Old pruning wounds. Cavities. Moderate deadwood. Snapped /hanging branches. Slightly unbalanced. Rubbing branches	Leans over path into adjacent trees crown	Fair	Poor	10 to 20 yrs	Low	C	Removal required to facilitate development

Tree Species				Measurements				Crown (m)				Tree Condition							Value		Management	
Tree ID	Common Name	Latin Name	Maturity	Height (m)	Stems	Stem Diameter (mm)	Estimated	Ave Height	N	E	S	W	Roots	Stem	Crown	Comments	Physiological	Structural	Life Expectancy	Amenity	Category	Works
T40	Goat Willow	Salix caprea	Early-mature	10	1	220	Yes	3	2	4.5	2	1	Exposed roots. Soil erosion	Single stemmed. Significant lean to south. Epicormic growths. Old pruning wounds. Stubs. Bark damage. Tight union. Partially included bark. Minor cavities. Minor decay	Old pruning wounds. Cavities. Moderate deadwood. Snapped /hanging branches. Rubbing branches		Fair	Poor	10 to 20 yrs	Low	C	Removal required to facilitate development
T41	Birch	Betula pendula	Mature	9.5	1	270	Yes	3.5	1	7	1	0.5	Limited access around base. Soil erosion. Exposed roots	Single stemmed. Significant lean. Epicormic growths. Old pruning wounds. Stubs. Minor cavities. Minor decay	Old pruning wounds. Cavities. Minor deadwood. Snapped /hanging branches. Unbalanced	Possible root heave/subsidence. Leans over path. Failed branches from adjacent trees leaning on stem	Fair	Poor	<10 yrs	Low	U	Removal recommended regardless of development
T42	Goat Willow	Salix caprea	Mature	12	6	220 avg	No	3	4	7	2	1.5	Limited access around base. Soil heave	Multiple stemmed at base. Significant lean to east. Epicormic growths. Old pruning wounds. Stubs. Bark damage. Tight union. Partially included bark. Cup-like union collecting dirt/water. Major cavities. Major decay	Old pruning wounds. Cavities. Major deadwood. Snapped /hanging branches. Unbalanced. Rubbing branches	Possible root heave/subsidence. Leans over path into stem of adjacent tree	Poor	Poor	<10 yrs	Low	U	Removal recommended regardless of development

Tree Species				Measurements				Crown (m)				Tree Condition							Value		Management	
Tree ID	Common Name	Latin Name	Maturity	Height (m)	Stems	Stem Diameter (mm)	Estimated	Ave Height	N	E	S	W	Roots	Stem	Crown	Comments	Physiological	Structural	Life Expectancy	Amenity	Category	Works
T43	Goat Willow	Salix caprea	Semi-mature	10	1	220	No	4	4.5	4	1.5	1.5	No visual defects	Single stemmed. Slight lean to east. Epicormic growths. Old pruning wounds. Stubs. Bark damage. Minor cavities. Minor decay	25% dead / absent. Low vigour. Old pruning wounds. Cavities. Moderate deadwood. Snapped /hanging branches		Poor	Fair	10 to 20 yrs	Low	C	Removal required to facilitate development
T44	Birch	Betula pubescens	Semi-mature	13	1	160	No	7.5	1.5	3	1.5	1	No visual defects	Twin stemmed at base. Slight lean to east. Epicormic growths. Old pruning wounds. Stubs. Bark damage. Tight union. Partially included bark. Minor cavities. Minor decay		Dead stump at base. Crown of adjacent tree leaning into stem	Fair	Fair	10 to 20 yrs	Low	C	Removal required to facilitate development
T45	Birch	Betula pubescens	Early-mature	12	1	290	No	6.5	3	3	2	2	No visual defects	Single stemmed. Slight lean to north. Epicormic growths. Old pruning wounds. Stubs. Tight union. Minor cavities. Minor decay	Old pruning wounds. Cavities. Minor deadwood. Snapped /hanging branches	Small Apple growing against lower stem causing bark damage	Fair	Fair	20 to 40 yrs	Moderate	C	Removal required to facilitate development

Tree Species				Measurements				Crown (m)					Tree Condition							Value		Management
Tree ID	Common Name	Latin Name	Maturity	Height (m)	Stems	Stem Diameter (mm)	Estimated	Ave Height	N	E	S	W	Roots	Stem	Crown	Comments	Physiological	Structural	Life Expectancy	Amenity	Category	Works
T46	Goat Willow	Salix caprea	Early-mature	11	3	200 170 150	No	6	2.5	7	2.5	2	Limited access around base	Multiple stemmed at base. Slight lean. Epicormic growths. Old pruning wounds. Stubs. Bark damage. Cup-like union collecting dirt/water. Minor cavities. Major decay	Old pruning wounds. Cavities. Moderate deadwood. Snapped /hanging branches. Unbalanced	Eastern stem failed at 3m, leaning into adjacent tree over path. Dead stump at base. Northern stem with significant decay at base	Fair	Poor	<10 yrs	Low	U	Removal recommended regardless of development
T47	Goat Willow	Salix caprea	Mature	11	7	200 avg	Yes	3	6.5	5	5.5	4.5	No visual defects	Multiple stemmed. at 1m. Vertical. Epicormic growths. Old pruning wounds. Stubs. Bark damage. Tight union. Partially included bark. Cup-like union collecting dirt/water. Minor cavities. Minor decay	Low vigour. Old pruning wounds. Cavities. Moderate deadwood. Snapped /hanging branches. Rubbing branches	Failed stem resting in crown. Two western stems with significant vertical cavity. Significant deadwood in western crown. Recommend removing w two stems	Fair	Poor	<10 yrs	Low	U	Removal recommended regardless of development
T48	Maple	Acer campestre	Mature	12	2	380 280	No	4	4	7	4	2	No visual defects	Twin stemmed at 1m. Vertical. Epicormic growths. Old pruning wounds. Stubs	Old pruning wounds. Cavities. Minor deadwood. Snapped /hanging branches. Unbalanced to east. Rubbing branches	Busy crown. Small bacterial bleed on lower branch	Fair	Fair	20 to 40 yrs	Moderate	B	No works required

Tree Species				Measurements				Crown (m)				Tree Condition							Value		Management	
Tree ID	Common Name	Latin Name	Maturity	Height (m)	Stems	Stem Diameter (mm)	Estimated	Ave Height	N	E	S	W	Roots	Stem	Crown	Comments	Physiological	Structural	Life Expectancy	Amenity	Category	Works
T49	Oak	Quercus robur	Early-mature	14	1	310	No	6	4.5	5	3	2	No visual defects	Single stemmed. Vertical. Epicormic growths. Old pruning wounds. Stubs	Old pruning wounds. Cavities. Moderate deadwood. Snapped /hanging branches. Slightly unbalanced to east	Small Birch leaning into lower stem	Fair	Good	>40 yrs	Moderate	B	No works required
T50	Oak	Quercus robur	Semi-mature	10	1	210	No	3	3	1.5	3	3	No visual defects	Single stemmed. Vertical. Epicormic growths. Old pruning wounds. Stubs	Old pruning wounds. Cavities. Minor deadwood. Snapped /hanging branches		Fair	Good	>40 yrs	Moderate	C	Removal required to facilitate development
T51	Birch	Betula pubescens	Semi-mature	11	2	200 160	Yes	6	4	5	2	1.5	Limited access around base	Twin stemmed at base. Slight lean to east. Epicormic growths. Old pruning wounds. Stubs. Ivy covered. Cup-like union collecting dirt/water	Old pruning wounds. Cavities. Minor deadwood. Snapped /hanging branches. Ivy covered	Climbing rose throughout crown	Poor	Fair	10 to 20 yrs	Low	C	No works required
T52	Goat Willow	Salix caprea	Mature	10	1	270	No	4.5	3.5	5	4	1.5	No visual defects	Single stemmed. Slight lean. Epicormic growths. Old pruning wounds. Stubs. Minor cavities	Old pruning wounds. Cavities. Minor deadwood. Snapped /hanging branches		Fair	Fair	20 to 40 yrs	Low	C	Reduce eastern crown by 2m to facilitate development

	Tree Species			Measurements				Crown (m)				Tree Condition								Value		Management
Tree ID	Common Name	Latin Name	Maturity	Height (m)	Stems	Stem Diameter (mm)	Estimated	Ave Height	N	E	S	W	Roots	Stem	Crown	Comments	Physiological	Structural	Life Expectancy	Amenity	Category	Works
T53	Goat Willow	Salix caprea	Mature	12	2	220 210	Yes	4.5	3.5	6	5	2.5	Limited access around base	Twin stemmed at base. Vertical. Epicormic growths. Old pruning wounds. Stubs. Bark damage. Minor cavities. Minor decay	Old pruning wounds. Cavities. Moderate deadwood. Snapped /hanging branches	Dead stump at base	Fair	Fair	20 to 40 yrs	Moderate	C	Coppice to suitable height
T54	Oak	Quercus robur	Semi-mature	13	1	280	No	6	2	5	3	2	Exposed roots	Single stemmed. Stubs. Bark damage. Minor cavity. Minor decay. Significant lean to east	Low vigour. Cavities. Moderate deadwood. Snapped /hanging branches	Significant vertical cavity on eastern aspect of stem. Leans over path	Fair	Poor	10 to 20 yrs	Low	C	No works required
T55	Goat Willow	Salix caprea	Early-mature	10	1	170	No	2	2	3	2.5	2	No visual defects	Single stemmed. Significant lean to east. Epicormic growths. Old pruning wounds. Stubs. Bark damage. Major cavity. Minor decay	Low vigour. Old pruning wounds. Cavities. Minor deadwood. Snapped /hanging branches	Leans over path. Significant vertical cavity on stem	Fair	Poor	<10 yrs	Low	U	Removal recommended regardless of development

Tree Species				Measurements				Crown (m)				Tree Condition								Value		Management
Tree ID	Common Name	Latin Name	Maturity	Height (m)	Stems	Stem Diameter (mm)	Estimated	Ave Height	N	E	S	W	Roots	Stem	Crown	Comments	Physiological	Structural	Life Expectancy	Amenity	Category	Works
T56	Goat Willow	Salix caprea	Semi-mature	7.5	1	200	Yes	3	1	1.5	3.5	1.5	Limited access around base	Single stemmed. Vertical. Epicormic growths. Old pruning wounds. Stubs. Bark damage. Major cavity. Major decay	25% dead / absent. Low vigour. Old pruning wounds. Cavities. Moderate deadwood. Snapped /hanging branches. Unbalanced to south	Significant vertical cavity on eastern aspect of stem. Several dead stumps at base	Poor	Poor	10 to 20 yrs	Low	C	Coppice to suitable height
T57	Goat Willow	Salix caprea	Early-mature	12	2	220 140	No	5	2	3.5	2	2	No visual defects	Twin stemmed at base. Vertical. Old pruning wounds. Stubs. Bark damage. Cup-like union collecting dirt/water. Major cavities. Major decay	25% dead / absent. Low vigour. Old pruning wounds. Cavities. Moderate deadwood. Snapped /hanging branches	Significant vertical cavities on both stems	Poor	Poor	<10 yrs	Low	U	Removal recommended regardless of development
T58	Goat Willow	Salix caprea	Early-mature	11	2	180 130	No	4	1	2	2	2	Limited access around base	Twin stemmed at base. Vertical. Old pruning wounds. Stubs. Bark damage. Cup-like union collecting dirt/water. Minor cavities. Minor decay	25% dead / absent. Low vigour. Old pruning wounds. Cavities. Moderate deadwood. Snapped /hanging branches	Bark damage right up stems but not ring barked	Poor	Fair	10 to 20 yrs	Low	C	Coppice to suitable height

Tree Species				Measurements				Crown (m)				Tree Condition							Value		Management	
Tree ID	Common Name	Latin Name	Maturity	Height (m)	Stems	Stem Diameter (mm)	Estimated	Ave Height	N	E	S	W	Roots	Stem	Crown	Comments	Physiological	Structural	Life Expectancy	Amenity	Category	Works
T59	Goat Willow	Salix caprea	Early-mature	11	1	160	No	5	1	4.5	2	0.5	Limited access around base	Single stemmed. Significant lean to east. Epicormic growths. Old pruning wounds. Stubs. Bark damage. Minor cavities. Minor decay	Old pruning wounds. Cavities. 25% dead / absent. Moderate deadwood. Snapped /hanging branches. Unbalanced	Overhangs path. Dead stumps at base	Poor	Poor	<10 yrs	Low	U	Removal recommended regardless of development
T60	Willow	Salix caprea	Early-mature	10	1	170	No	5	1	4	2	0.5	Limited access around base	Single stemmed. Significant lean to east. Old pruning wounds. Stubs. Bark damage. Minor cavities. Minor decay	50% dead / absent. Old pruning wounds. Cavities. Moderate deadwood. Snapped /hanging branches	Overhangs path	Poor	Poor	<10 yrs	Low	U	Removal recommended regardless of development
T61	Goat Willow	Salix caprea	Semi-mature	10	3	210 140 140	Yes	4	3.5	3.5	3.5	2	Limited access around base	Multiple stemmed at base. Vertical. Epicormic growths. Old pruning wounds. Stubs. Bark damage. Tight union. Partially included bark. Minor cavities. Minor decay	Old pruning wounds. Cavities. Minor deadwood. Snapped /hanging branches. Rubbing branches		Fair	Fair	10 to 20 yrs	Low	C	Removal required to facilitate development

Tree Species				Measurements				Crown (m)				Tree Condition							Value		Management	
Tree ID	Common Name	Latin Name	Maturity	Height (m)	Stems	Stem Diameter (mm)	Estimated	Ave Height	N	E	S	W	Roots	Stem	Crown	Comments	Physiological	Structural	Life Expectancy	Amenity	Category	Works
T62	Birch	Betula pubescens	Semi-mature	12	1	120	No	4	3	1.5	0.5	1.5	No visual defects	Single stemmed. Slight lean to north. Epicormic growths. Old pruning wounds. Stubs	Old pruning wounds. Cavities. Minor deadwood. Snapped /hanging branches		Fair	Fair	20 to 40 yrs	Low	C	Removal required to facilitate development
T63	Goat Willow	Salix caprea	Early-mature	12	1	220	Yes	5	2	2	2	2	Limited access around base	Single stemmed. Slight lean to south. Epicormic growths. Old pruning wounds. Stubs. Tight union. Minor cavities. Minor decay	Old pruning wounds. Cavities. Minor deadwood. Snapped /hanging branches		Fair	Fair	10 to 20 yrs	Low	C	Removal required to facilitate development
T64	Goat Willow	Salix caprea	Mature	13	2	260 260	Yes	6	4	2	4	4	Limited access around base	Multiple stemmed at base. Vertical. Epicormic growths. Old pruning wounds. Stubs. Ivy covered. Bark damage. Cup-like union collecting dirt/water. Partially included bark. Cavities. Decay	Old pruning wounds. Cavities. Minor deadwood. Snapped /hanging branches. Rubbing branches	Climbing rose at base. Vertical cavity on northern aspect of stem	Fair	Poor	10 to 20 yrs	Low	C	Removal required to facilitate development

	Tree Species			Measurements				Crown (m)				Tree Condition								Value		Management
Tree ID	Common Name	Latin Name	Maturity	Height (m)	Stems	Stem Diameter (mm)	Estimated	Ave Height	N	E	S	W	Roots	Stem	Crown	Comments	Physiological	Structural	Life Expectancy	Amenity	Category	Works
T65	Hawthorn	Crataegus monogyna	Semi-mature	12	1	200	Yes	7	3	2	1	4	No visual defects	Single stemmed. Vertical. Stubs	Old pruning wounds. Cavities. Snapped /hanging branches. Rubbing branches	Old brick wall remnants to east	Fair	Fair	>40 yrs	Low	C	No works required
T66	Goat Willow	Salix caprea	Mature	11	6	270 avg	Yes	1.5	4	5.5	2.5	2.5	Exposed roots. Soil erosion. Soil heave	Multiple stemmed at base. Significant lean to east. Epicormic growths. Old pruning wounds. Bark damage. Minor cavities. Minor decay. Cup-like union collecting dirt/water	Old pruning wounds. Cavities. Moderate deadwood. Snapped /hanging branches. Unbalanced. Rubbing branches	Subsiding from banking east, over path	Fair	Poor	<10 yrs	Low	U	Removal recommended regardless of development
T67	Goat Willow	Salix caprea	Mature	14	1	250	No	5	2	2	4	3	Exposed roots	Single stemmed. Slight lean to east. Epicormic growths. Old pruning wounds. Stubs. Bark damage	Old pruning wounds. Cavities. Minor deadwood. Snapped /hanging branches	Leans over path	Fair	Fair	10 to 20 yrs	Low	C	Removal required to facilitate development
T68	Birch	Betula pendula	Mature	14	1	250	Yes	8	2.5	2	2.5	2.5	Limited access around base	Single stemmed. Vertical. Epicormic growths. Old pruning wounds. Stubs	Cavities. Minor deadwood. Snapped /hanging branches		Fair	Fair	20 to 40 yrs	Moderate	C	Removal required to facilitate development

	Tree Species			Measurements				Crown (m)				Tree Condition								Value		Management
Tree ID	Common Name	Latin Name	Maturity	Height (m)	Stems	Stem Diameter (mm)	Estimated	Ave Height	N	E	S	W	Roots	Stem	Crown	Comments	Physiological	Structural	Life Expectancy	Amenity	Category	Works
T69	Goat Willow	Salix caprea	Early-mature	12	1	180	Yes	6	3	3	1.5	1.5	Limited access around base	Single stemmed. Slight lean to east. Epicormic growths. Old pruning wounds. Stubs. Bark damage. Minor cavities. Minor decay	Cavities. Minor deadwood. Snapped /hanging branches. Rubbing branches	Overhangs path, leaning into adjacent tree	Fair	Fair	10 to 20 yrs	Low	C	Coppice to suitable height
T70	Goat Willow	Salix caprea	Early-mature	12	6	200 avg	Yes	6	3	1.5	3	3	Limited access around base	Multiple stemmed at 0.5m. Significant lean. Bark damage. Cavities. Decay	All dead / absent. Major deadwood. Snapped /hanging branches		Dead	Dead	n/a	Dead	U	Removal recommended regardless of development
T71	Goat Willow	Salix caprea	Semi-mature	10	2	120 100	Yes	6	1.5	1.5	1.5	1.5	Limited access around base	Twin stemmed at base. Slight lean. Stubs. Epicormic growths. Bark damage. Minor cavities. Decay	Cavities. Snapped /hanging branches. Major deadwood	Dead eastern stem overhangs path	Poor	Poor	<10 yrs	Low	U	Removal recommended regardless of development
T72	Goat Willow	Salix caprea	Semi-mature	11	6	160 avg	Yes	3.5	3.5	3.5	2	2	Limited access around base	Multiple stemmed at base. Vertical. Epicormic growths. Stubs. Bark damage. Cup-like union collecting dirt/water. Partially included bark. Minor cavities. Minor decay	Cavities. Moderate deadwood. Snapped /hanging branches. Rubbing branches		Fair	Poor	10 to 20 yrs	Low	C	Coppice to suitable height

	Tree Species			Measurements				Crown (m)				Tree Condition								Value		Management
Tree ID	Common Name	Latin Name	Maturity	Height (m)	Stems	Stem Diameter (mm)	Estimated	Ave Height	N	E	S	W	Roots	Stem	Crown	Comments	Physiological	Structural	Life Expectancy	Amenity	Category	Works
T73	Oak	Quercus robur	Young	10	1	90	No	9	1	1	1	1	No visual defects	Single stemmed. Vertical. Stubs. Bark damage	Small / sparse. Cavities. Minor deadwood. Snapped /hanging branches	Bark damage on lower stem, vandalism	Fair	Fair	20 to 40 yrs	Low	C	Removal required to facilitate development
T74	Goat Willow	Salix caprea	Semi-mature	11	4	100 80 70 70	Yes	5	3	1.5	1.5	1.5	Limited access around base	Multiple stemmed at base. Slight lean. Stubs. Bark damage. Minor cavities. Minor decay	Cavities. 50% dead / absent. Low vigour. Moderate deadwood. Snapped /hanging branches	Only very top shoots with living growth. Honeysuckle on stems	Poor	Poor	<10 yrs	Low	U	Removal recommended regardless of development
T75	Goat Willow	Salix caprea	Early-mature	11	3	180 120 100	Yes	3	3	3	4	2	Limited access around base	Multiple stemmed at 0.5m. Vertical. Epicormic growths. Stubs. Bark damage. Minor cavities. Minor decay	Cavities. Moderate deadwood. Snapped /hanging branches. Rubbing branches		Fair	Fair	10 to 20 yrs	Low	C	Removal required to facilitate development
T76	Sycamore	Acer pseudoplatanus	Early-mature	15	1	300	Yes	6	3.5	3	4	4	No visual defects	Single stemmed. Vertical. Epicormic growths. Stubs. Minor cavities	Cavities. Minor deadwood. Snapped /hanging branches		Fair	Fair	>40 yrs	Moderate	C	No works required
T77	Oak	Quercus robur	Young	9	2	120 110	Yes	1	2	2	2	3	No visual defects	Twin stemmed at base. Vertical. Epicormic growths. Stubs. Bark damage. Minor cavities. Minor decay	Cavities. Minor deadwood. Snapped /hanging branches		Fair	Fair	>40 yrs	Low	C	Reduce western crown by 1m to facilitate development

	Tree Species			Measurements				Crown (m)				Tree Condition							Value		Management	
Tree ID	Common Name	Latin Name	Maturity	Height (m)	Stems	Stem Diameter (mm)	Estimated	Ave Height	N	E	S	W	Roots	Stem	Crown	Comments	Physiological	Structural	Life Expectancy	Amenity	Category	Works
T78	Oak	Quercus robur	Young	10	1	130	No	3	3	1	1	2	No visual defects	Single stemmed. Vertical. Epicormic growths. Stubs	Cavities. Minor deadwood. Snapped /hanging branches		Fair	Fair	>40 yrs	Low	C	Removal required to facilitate development
T79	Goat Willow	Salix caprea	Semi-mature	9.5	2	140 90	Yes	3	1.5	3	3	1	Limited access around base	Twin stemmed at 0.5m. Vertical. Epicormic growths. Stubs. Bark damage. Minor cavities. Minor decay	25% dead / absent. Low vigour. Cavities. Minor deadwood. Snapped /hanging branches		Poor	Fair	10 to 20 yrs	Low	C	Coppice to suitable height
T80	Sycamore	Acer pseudoplatanus	Semi-mature	11	1	170	No	5	1.5	1.5	2.5	1.5	No visual defects	Single stemmed. Vertical. Epicormic growths. Stubs	Cavities. Minor deadwood. Snapped /hanging branches		Fair	Fair	>40 yrs	Low	C	Removal required to facilitate development
T81	Goat Willow	Salix caprea	Early-mature	11	2	210 170	No	4	4	5	3	2.5	Limited access around base	Multiple stemmed at base. Significant lean to east. Epicormic growths. Stubs. Bark damage. Minor cavities. Decay	25% dead / absent. Low vigour. Cavities. Major deadwood. Snapped /hanging branches	Leans over path	Poor	Poor	10 to 20 yrs	Low	C	Removal required to facilitate development
T82	Oak	Quercus robur	Young	8.5	1	130	No	4	1.5	1	2	2	No visual defects	Single stemmed. Vertical. Epicormic growths. Stubs. Minor cavity	Cavities. Minor deadwood. Snapped /hanging branches		Fair	Fair	>40 yrs	Low	C	Removal required to facilitate development

	Tree Species			Measurements				Crown (m)				Tree Condition							Value		Management	
Tree ID	Common Name	Latin Name	Maturity	Height (m)	Stems	Stem Diameter (mm)	Estimated	Ave Height	N	E	S	W	Roots	Stem	Crown	Comments	Physiological	Structural	Life Expectancy	Amenity	Category	Works
T83	Goat Willow	Salix caprea	Early-mature	8	1	200	Yes	2.5	4	2.5	2	2	No visual defects	Single stemmed. Significant lean to north. Epicormic growths. Stubs. Bark damage. Cavities. Decay	Cavities. Minor deadwood. Snapped /hanging branches. Rubbing branches	Lean corrects at 3m	Fair	Fair	10 to 20 yrs	Low	C	Removal required to facilitate development
T84	Sycamore	Acer pseudoplatanus	Semi-mature	12	1	180	No	6	1	1.5	2	2	No visual defects	Single stemmed. Vertical. Epicormic growths. Stubs. Bark damage. Minor cavities. Minor decay	Cavities. Minor deadwood. Snapped /hanging branches		Fair	Fair	>40 yrs	Low	C	Removal required to facilitate development
T85	Oak	Quercus robur	Semi-mature	13	1	310	No	6	2	4	3	2	No visual defects	Single stemmed. Vertical. Epicormic growths. Stubs	Cavities. Moderate deadwood. Snapped /hanging branches. Rubbing branches		Fair	Fair	>40 yrs	Moderate	C	Removal required to facilitate development
T86	Birch	Betula pubescens	Semi-mature	10	1	210	Yes	6	2.5	1	1.5	3	No visual defects	Single stemmed. Slight lean to west. Epicormic growths. Stubs. Bark damage	Cavities. Minor deadwood. Snapped /hanging branches. Slightly unbalanced		Fair	Fair	20 to 40 yrs	Low	C	Removal required to facilitate development

Tree Species				Measurements				Crown (m)				Tree Condition							Value		Management	
Tree ID	Common Name	Latin Name	Maturity	Height (m)	Stems	Stem Diameter (mm)	Estimated	Ave Height	N	E	S	W	Roots	Stem	Crown	Comments	Physiological	Structural	Life Expectancy	Amenity	Category	Works
T87	Goat Willow	Salix caprea	Mature	10	7	180 avg	Yes	4	4	3	3	4	Limited access around base	Multiple stemmed at base. Significant lean. Epicormic growths. Stubs. Bark damage. Cup-like union collecting dirt/water. Cavities. Decay	50% dead / absent. Low vigour. Cavities. Major deadwood. Snapped /hanging branches	Leans over path	Poor	Poor	<10 yrs	Low	U	Removal recommended regardless of development
T88	Sycamore	Acer pseudoplatanus	Semi-mature	13	6	200 avg	Yes	3	3	3	4	3	No visual defects	Multiple stemmed at base. Slight lean. Epicormic growths. Stubs. Bark damage. Cup-like union collecting dirt/water	Cavities. Minor deadwood. Snapped /hanging branches	Tight stems at base	Fair	Fair	20 to 40 yrs	Moderate	C	Removal required to facilitate development
G89	Goat Willow	Salix caprea	Semi-mature	10	6	180 avg	Yes	4	See Plan				Small unmanaged group. Stems lean east over path. Occasional tight unions at base. Dead stems and branches throughout group.				Fair	Fair	10 to 20 yrs	Low	C	No works required
T90	Birch	Betula pendula	Semi-mature	11	1	150	No	4	4	4	1	0.5	Soil heave. Exposed roots. Root damage /loss	Single stemmed. Significant lean. Stubs	Cavities. Minor deadwood. Snapped /hanging branches	Root plate heave from ground resting in adjacent tree crowns. Hangs over path	Poor	Poor	<10 yrs	Low	U	Removal recommended regardless of development
T91	Birch	Betula pendula	Semi-mature	9	1	210	No	4	2.5	1	1.5	3	Soil heave	Single stemmed. Vertical. Stubs	Cavities. Major deadwood. Snapped /hanging branches		Poor	Poor	<10 yrs	Low	U	Removal recommended regardless of development

Tree Species				Measurements				Crown (m)				Tree Condition							Value		Management	
Tree ID	Common Name	Latin Name	Maturity	Height (m)	Stems	Stem Diameter (mm)	Estimated	Ave Height	N	E	S	W	Roots	Stem	Crown	Comments	Physiological	Structural	Life Expectancy	Amenity	Category	Works
T92	Goat Willow	Salix caprea	Semi-mature	10	1	210	Yes	3	0.5	5	4	0.5	Soil heave. Exposed roots	Single stemmed. Significant lean to east. Stubs	Cavities. Minor deadwood. Snapped /hanging branches	Root plate heave, leans over path into crowns of adjacent trees	Poor	Poor	<10 yrs	Low	U	Removal recommended regardless of development
T93	Goat Willow	Salix caprea	Semi-mature	10	2	180 140	No	3	2	5	2	0.5	Soil heave. Exposed roots	Twin stemmed at base. Significant lean to east. Stubs	Cavities. Minor deadwood. Snapped /hanging branches	Root plate heave, leans over path	Poor	Poor	<10 yrs	Low	U	Removal recommended regardless of development
T94	Goat Willow	Salix caprea	Semi-mature	10	1	170	No	2	0.5	0.5	4	3	Soil erosion	Single stemmed. Slight lean. Old pruning wounds. Stubs. Bark damage. Cavities. Decay	Cavities. Minor deadwood. Snapped /hanging branches	Bark damage and decay on lower stem	Poor	Poor	<10 yrs	Low	U	Removal recommended regardless of development
T95	Goat Willow	Salix caprea	Semi-mature	11	2	110 110	No	3	2	2	2	1	Soil heave	Single stemmed. Vertical. Stubs. Tight union	Cavities. Minor deadwood. Snapped /hanging branches		Fair	Fair	10 to 20 yrs	Low	C	Removal required to facilitate development
T96	Goat Willow	Salix caprea	Semi-mature	10	2	180 100	Yes	3	2	5	2	2	Limited access around base	Twin stemmed at base. Vertical. Epicormic growths. Stubs. Old pruning wounds. Bark damage. Cavities. Decay	Cavities. Minor deadwood. Snapped /hanging branches. Rubbing branches	Some stumps at base, significantly decayed	Fair	Fair	10 to 20 yrs	Low	C	Removal required to facilitate development

Tree ID	Tree Species		Maturity	Measurements				Crown (m)				Tree Condition							Value		Management	
	Common Name	Latin Name		Height (m)	Stems	Stem Diameter (mm)	Estimated	Ave Height	N	E	S	W	Roots	Stem	Crown	Comments	Physiological	Structural	Life Expectancy	Amenity	Category	Works
T97	Goat Willow	Salix caprea	Semi-mature	11	1	310	No	6	2	4	3	2	No visual defects	Single stemmed. Vertical. Epicormic growths. Stubs	Cavities. Moderate deadwood. Snapped /hanging branches. Rubbing branches		Fair	Fair	>40 yrs	Moderate	C	No works required
T98	Goat Willow	Salix caprea	Semi-mature	10	1	310	No	6	2	4	3	2	No visual defects	Single stemmed. Vertical. Epicormic growths. Stubs	Cavities. Moderate deadwood. Snapped /hanging branches. Rubbing branches		Fair	Fair	>40 yrs	Moderate	C	Removal required to facilitate development
T99	Birch	Betula pendula	Early-mature	13	1	260	No	5.5	2	2.5	2.5	2.5	No visual defects	Single stemmed. Vertical. Epicormic growths. Stubs	Cavities. Minor deadwood. Snapped /hanging branches		Good	Fair	20 to 40 yrs	Moderate	B	Removal required to facilitate development
T100	Goat Willow	Salix caprea	Semi-mature	10	4	140 130 90 80	Yes	4	1.5	1.5	1.5	1.5	Limited access around base	Multiple stemmed at base. Vertical. Epicormic growths. Old pruning wounds. Stubs. Bark damage. Tight union. Cavities. Decay	50% dead / absent. Low vigour. Old pruning wounds. Cavities. Moderate deadwood. Snapped /hanging branches. Rubbing branches		Poor	Poor	<10 yrs	Low	U	Removal recommended regardless of development

Tree Species				Measurements				Crown (m)				Tree Condition							Value		Management	
Tree ID	Common Name	Latin Name	Maturity	Height (m)	Stems	Stem Diameter (mm)	Estimated	Ave Height	N	E	S	W	Roots	Stem	Crown	Comments	Physiological	Structural	Life Expectancy	Amenity	Category	Works
T101	Goat Willow	Salix caprea	Semi-mature	9.5	2	150 100	Yes	3	4	3	3	1.5	No visual defects	Twin stemmed at base. Vertical. Epicormic growths. Stubs	Cavities. Minor deadwood. Snapped /hanging branches. Rubbing branches		Fair	Fair	10 to 20 yrs	Low	C	Removal required to facilitate development
T102	Goat Willow	Salix caprea	Semi-mature	10	2	180 100	Yes	3	2	5	2	2	Limited access around base	Twin stemmed at base. Vertical. Epicormic growths. Stubs. Old pruning wounds. Bark damage. Cavities. Decay	Cavities. Minor deadwood. Snapped /hanging branches. Rubbing branches	Some stumps at base showing significant decay	Fair	Fair	10 to 20 yrs	Low	C	Removal required to facilitate development
T103	Oak	Quercus robur	Young	7	1	120	No	5	1	3	2.5	1	No visual defects	Single stemmed. Slight lean to east. Stubs. Epicormic growths	Cavities. Minor deadwood. Snapped /hanging branches		Fair	Fair	>40 yrs	Low	C	Removal required to facilitate development
T104	Oak	Quercus robur	Semi-mature	12	1	170	No	3	1	0.5	3.5	4	Exposed roots	Single stemmed. Vertical. Epicormic growths. Stubs	Cavities. Minor deadwood. Snapped /hanging branches	Adjacent stem from another tree rubbing main stem	Fair	Fair	>40 yrs	Moderate	C	Removal required to facilitate development

Tree Species				Measurements				Crown (m)				Tree Condition							Value		Management	
Tree ID	Common Name	Latin Name	Maturity	Height (m)	Stems	Stem Diameter (mm)	Estimated	Ave Height	N	E	S	W	Roots	Stem	Crown	Comments	Physiological	Structural	Life Expectancy	Amenity	Category	Works
T105	Goat Willow	Salix caprea	Early-mature	11	3	260 170 100	No	3	4	5	5	1.5	Soil erosion. Exposed roots	Multiple stemmed at base. Significant lean. Epicormic growths. Pruning wounds from crown lifting. Bark damage. Cup-like union collecting dirt/water. Partially included bark. Minor cavities. Minor decay	Cavities. Minor deadwood. Snapped /hanging branches	Stems separating at base	Poor	Poor	<10 yrs	Low	U	Removal recommended regardless of development
T106	Oak	Quercus robur	Semi-mature	14	1	240	No	6	3	2	4	5	Soil erosion	Single stemmed. Vertical. Epicormic growths. Stubs. Old pruning wounds	Cavities. Minor deadwood. Snapped /hanging branches		Fair	Fair	>40 yrs	Moderate	C	Removal required to facilitate development
T107	Goat Willow	Salix caprea	Early-mature	11	2	190 180	Yes	4	2	2	3.5	1.5	Limited access around base	Twin stemmed at base. Significant lean to south. Epicormic growths. Old pruning wounds. Stubs. Bark damage. Cavities. Decay	Cavities. Minor deadwood. Snapped /hanging branches		Fair	Fair	10 to 20 yrs	Low	C	Removal required to facilitate development
T108	Sycamore	Acer pseudoplatanus	Semi-mature	14	1	200	Yes	5	3	3	3	2	No visual defects	Single stemmed. Vertical. Epicormic growths. Old pruning wounds. Stubs	Cavities. Minor deadwood. Snapped /hanging branches		Fair	Fair	>40 yrs	Moderate	C	Removal required to facilitate development

Tree Species				Measurements				Crown (m)				Tree Condition							Value		Management	
Tree ID	Common Name	Latin Name	Maturity	Height (m)	Stems	Stem Diameter (mm)	Estimated	Ave Height	N	E	S	W	Roots	Stem	Crown	Comments	Physiological	Structural	Life Expectancy	Amenity	Category	Works
G109	Sycamore Birch	<i>Acer sp.</i> <i>Betula sp.</i>	Early-mature	13	10+	210 avg	Yes	4	See Plan				Steep bankside group, access prevented detailed inspection and accurate stem measurements. Larger Sycamore stump regrowth with younger Birch throughout. Many stems with vertical cavities and decay. Some trees with included bark at base				Fair	Fair	20 to 40 yrs	Low	C	No works required
T110	Goat Willow	<i>Salix caprea</i>	Early-mature	13	3	200 180 120	Yes	7	2.5	1.5	4	4	Exposed roots. Soil erosion	Multiple stemmed at 1m. Slight lean to west. Epicormic growths. Stubs. Bark damage. Major cavities. Tight union. Partially included bark. Major decay	Old pruning wounds. Cavities. Moderate deadwood. Snapped /hanging branches. Unbalanced	Leans over path. Significant decay and included bark on western side of stem	Poor	Poor	<10 yrs	Moderate	U	Removal recommended regardless of development
G111	Sycamore Birch	<i>Acer sp.</i> <i>Betula sp.</i>	Early-mature	14	10+	240 avg	Yes	4	See Plan				Steep bankside group, access prevented detailed inspection and accurate stem measurements. Larger Sycamore stump regrowth with younger Birch throughout. Higher amenity trees at top of bank				Fair	Fair	>40 yrs	Moderate	C	No works required
T112	Sycamore	<i>Acer pseudoplatanus</i>	Semi-mature	12	2	240 100	Yes	3	3.5	3	2.5	2	Damage to buttress roots. Decay	Twin stemmed at 0.5m. Slight lean to east. Epicormic growths. Stubs. Bark damage. Cavities. Decay	Cavities. Minor deadwood. Snapped /hanging branches	Decay at base, 90% ring barked	Fair	Poor	<10 yrs	Low	U	Removal recommended regardless of development
T113	Goat Willow	<i>Salix caprea</i>	Mature	13	1	380	No	6.5	5	4.5	4.5	2	No visual defects	Single stemmed. Vertical. Slight lean to west. Epicormic growths. Stubs	Cavities. Minor deadwood. Snapped /hanging branches		Good	Fair	20 to 40 yrs	Moderate	C	Coppice to suitable height

Tree Species				Measurements				Crown (m)				Tree Condition							Value		Management	
Tree ID	Common Name	Latin Name	Maturity	Height (m)	Stems	Stem Diameter (mm)	Estimated	Ave Height	N	E	S	W	Roots	Stem	Crown	Comments	Physiological	Structural	Life Expectancy	Amenity	Category	Works
	Goat Willow	Salix caprea	Mature	13	3	320 240 190	No	3	5	5	5	2.5	No visual defects	Multiple stemmed at base. Vertical. Epicormic growths. Stubs. Tight union. Partially included bark. Cavities. Decay	Old pruning wounds. Cavities. Moderate deadwood. Snapped /hanging branches		Fair	Poor	10 to 20 yrs	Low	C	Removal required to facilitate development
Oak	Quercus robur	Semi-mature	15	2	220	No	5	1.5	3	4	4	Exposed roots	Twin stemmed. at 0.5m. Slight lean to south. Epicormic growths. Stubs	Cavities. Minor deadwood. Snapped /hanging branches		Fair	Fair	>40 yrs	Moderate	C	Removal required to facilitate development	
Goat Willow	Salix caprea	Early-mature	13	1	230	No	6	3	2.5	1.5	3.5	No visual defects	Single stemmed. Vertical. Epicormic growths. Stubs. Bark damage. Old pruning wounds. Tight union. Partially included bark. Minor cavities. Minor decay	Old pruning wounds. Cavities. Minor deadwood. Snapped /hanging branches. Rubbing branches	Previous stem removed at 2m	Fair	Fair	10 to 20 yrs	Low	C	Removal required to facilitate development	
Oak	Quercus robur	Semi-mature	13	1	240	No	4	3	2	3	3	No visual defects	Single stemmed. Vertical. Epicormic growths. Stubs	Cavities. Minor deadwood. Snapped /hanging branches		Fair	Fair	>40 yrs	Moderate	C	Removal required to facilitate development	

Tree Species				Measurements				Crown (m)				Tree Condition							Value		Management	
Tree ID	Common Name	Latin Name	Maturity	Height (m)	Stems	Stem Diameter (mm)	Estimated	Ave Height	N	E	S	W	Roots	Stem	Crown	Comments	Physiological	Structural	Life Expectancy	Amenity	Category	Works
T118	Goat Willow	Salix caprea	Early-mature	11	1	260	No	4	3	5	4	0.5	Decay	Single stemmed. Significant lean to east. Epicormic growths. Stubs. Bark damage. Minor cavities. Minor decay	Cavities. Minor deadwood. Snapped /hanging branches	Leans over path. Bark damage and decay on eastern side of stem	Fair	Poor	10 to 20 yrs	Low	C	Coppice to suitable height
G119	Sycamore	Acer pseudoplatanus	Semi-mature	15	7	250 avg	Yes	4	See Plan				Small group of Sycamore regrowth. Ivy covered roots and lower stems preventing detailed inspection. Bark damage and signs of decay at base				Fair	Fair	20 to 40 yrs	Low	C	Removal required to facilitate development
T120	Sycamore	Acer pseudoplatanus	Early-mature	14	8	200 avg	Yes	3	6	6	6	6	Limited access around base	Multiple stemmed at base. Vertical. Epicormic growths. Stubs. Bark damage. Tight union. Partially included bark. Cup-like union collecting dirt/water. Minor cavities. Minor decay	Cavities. Minor deadwood. Snapped /hanging branches. Rubbing branches	Regrowth from an old stump. Small Hawthorn in understorey	Fair	Fair	20 to 40 yrs	Low	C	Removal required to facilitate development
T121	Goat Willow	Salix caprea	Semi-mature	8	6	160 avg	Yes	2.5	6	5.5	6.5	3.5	Limited access around base	Multiple stemmed at base. Epicormic growths. Slight lean. Stubs. Bark damage. Tight union. Minor cavities. Minor decay	Cavities. Minor deadwood. Snapped /hanging branches		Fair	Fair	10 to 20 yrs	Low	C	Removal required to facilitate development

Tree Species				Measurements				Crown (m)				Tree Condition							Value		Management	
Tree ID	Common Name	Latin Name	Maturity	Height (m)	Stems	Stem Diameter (mm)	Estimated	Ave Height	N	E	S	W	Roots	Stem	Crown	Comments	Physiological	Structural	Life Expectancy	Amenity	Category	Works
T122	Oak	Quercus robur	Young	8	1	170	Yes	2	3	3	3	3	No visual defects	Single stemmed. Vertical. Epicormic growths. Stubs	Cavities. Minor deadwood. Snapped /hanging branches	Climber within crown preveneted detailed inspection and accurate stem measurement	Fair	Fair	>40 yrs	Low	C	Raise western crown to 4m to facilitate development
G123	Birch Elder	Betula sp. Sambucus sp.	Semi-mature	15	8	160 avg	Yes	2	See Plan				Small group of Birch with an understorey of Elder				Fair	Fair	20 to 40 yrs	Moderate	C	Raise western canopy to 4m to facilitate development
T124	Sycamore	Acer pseudoplatanus	Semi-mature	13	1	260	No	3	4	4	2	2	Damage to buttress roots. Decay	Single stemmed. Epicormic growths. Stubs. Slight lean to east	Cavities. Minor deadwood. Snapped /hanging branches		Fair	Fair	20 to 40 yrs	Low	C	Removal required to facilitate development
T125	Sycamore	Acer pseudoplatanus	Semi-mature	13	10+	130 avg	Yes	3	6	3	6.5	5.5	Limited access around base	Multiple stemmed at base. Vertical. Epicormic growths. Stubs. Cup-like union collecting dirt/water	Cavities. Minor deadwood. Snapped /hanging branches		Fair	Fair	20 to 40 yrs	Low	C	Raise crown to 4m to facilitate development
T126	Goat Willow	Salix caprea	Early-mature	12	2	300 190	Yes	4	5	5	5	3	Limited access around base	Twin stemmed at base. Vertical. Epicormic growths. Stubs	Cavities. Minor deadwood. Snapped /hanging branches		Fair	Fair	20 to 40 yrs	Low	C	Removal required to facilitate development

Tree Species				Measurements				Crown (m)					Tree Condition							Value		Management
Tree ID	Common Name	Latin Name	Maturity	Height (m)	Stems	Stem Diameter (mm)	Estimated	Ave Height	N	E	S	W	Roots	Stem	Crown	Comments	Physiological	Structural	Life Expectancy	Amenity	Category	Works
T127	Goat Willow	Salix caprea	Early-mature	8	1	240	Yes	2	3	6	1.5	1.5	Soil erosion. Soil heave	Single stemmed. Significant lean to east. Epicormic growths. Stubs	Cavities. Minor deadwood. Snapped /hanging branches		Fair	Poor	10 to 20 yrs	Low	C	Coppice to suitable height
T128	Hawthorn	Crataegus monogyna	Semi-mature	5	1	140	No	1	1.5	1.5	1.5	1.5	No visual defects	Single stemmed. Slight lean. Epicormic growths. Stubs. Tight union. Minor cavities	Cavities. Old pruning wounds. Minor deadwood. Snapped /hanging branches		Fair	Fair	>40 yrs	Low	C	Removal required to facilitate development
T129	Oak	Quercus robur	Early-mature	15	9	200 avg	Yes	2	3	6.5	4	3	No visual defects	Multiple stemmed at 1m. Vertical. Epicormic growths. Old pruning wounds. Stubs. Bark damage. Cup-like union collecting dirt/water. Minor cavities. Minor decay	Cavities. Old pruning wounds. Moderate deadwood. Snapped /hanging branches		Fair	Fair	>40 yrs	Moderate	C	Raise crown to 4m to facilitate development
T130	Oak	Quercus robur	Semi-mature	14	1	220	No	2	2	5	2	2	No visual defects	Single stemmed. Vertical. Epicormic growths. Stubs	Cavities. Minor deadwood. Snapped /hanging branches		Fair	Fair	>40 yrs	Moderate	C	No works required

Tree Species				Measurements				Crown (m)				Tree Condition							Value		Management	
Tree ID	Common Name	Latin Name	Maturity	Height (m)	Stems	Stem Diameter (mm)	Estimated	Ave Height	N	E	S	W	Roots	Stem	Crown	Comments	Physiological	Structural	Life Expectancy	Amenity	Category	Works
T131	Birch	Betula pendula	Semi-mature	11	3	180 180 170	No	5	3	4	4.5	3	Exposed roots. Damage to buttress roots. Decay	Multiple stemmed at base. Vertical. Epicormic growths. Stubs. Cup-like union collecting dirt/water. Cavities. Decay	Old pruning wounds. Cavities. Minor deadwood. Snapped /hanging branches		Fair	Fair	20 to 40 yrs	Low	C	No works required
T132	Oak	Quercus robur	Mature	16	6	270 avg	Yes	2	5	5	6	4.5	No visual defects	Multiple stemmed at base. Vertical. Epicormic growths. Old pruning wounds. Stubs. Cup-like union collecting dirt/water. Minor cavities. Minor decay	Old pruning wounds. Cavities. Minor deadwood. Snapped /hanging branches. Rubbing branches		Good	Fair	>40 yrs	Moderate	B	Raise western crown to 4m to facilitate development
T133	Oak	Quercus robur	Early-mature	14	1	420	No	3	5	6	6	3.5	No visual defects	Multiple stemmed at 2m. Vertical. Epicormic growths. Old pruning wounds. Stubs. Minor cavities. Minor decay	Old pruning wounds. Cavities. Minor deadwood. Snapped /hanging branches. Rubbing branches		Fair	Fair	>40 yrs	Moderate	B	Raise eastern crown to 4m to facilitate development
T134	Oak	Quercus robur	Early-mature	14	2	330 310	No	6	4	6	3	2.5	No visual defects	Twin stemmed at base. Vertical. Epicormic growths. Stubs. Bark damage. Cup-like union collecting dirt/water. Cavities. Decay	Old pruning wounds. Cavities. Snapped /hanging branches. Moderate deadwood. Rubbing branches	Decay at base of both stems. Eastern stem has significant lean to east over path	Fair	Fair	>40 yrs	Moderate	C	Remove eastern limb at base to facilitate development

Tree Species				Measurements				Crown (m)				Tree Condition							Value		Management	
Tree ID	Common Name	Latin Name	Maturity	Height (m)	Stems	Stem Diameter (mm)	Estimated	Ave Height	N	E	S	W	Roots	Stem	Crown	Comments	Physiological	Structural	Life Expectancy	Amenity	Category	Works
T135	Goat Willow	Salix caprea	Early-mature	8	1	170	No	2	5.5	1	0.5	0.5	Damage to buttress roots. Decay	Single stemmed. Vertical. Epicormic growths. Stubs. Bark damage. Major cavity. Major decay	Cavities. Moderate deadwood. Snapped /hanging branches	Stem failure at 2m, hanging in adjacent tree	Poor	Poor	<10 yrs	Low	U	Removal recommended regardless of development
T136	Goat Willow	Salix caprea	Mature	14	1	240	No	3.5	5	5	2.5	5	No visual defects	Single stemmed. Slight lean to west. Epicormic growths. Stubs	Cavities. Minor deadwood. Snapped /hanging branches		Fair	Fair	20 to 40 yrs	Low	C	Removal required to facilitate development
T137	Sycamore	Acer pseudoplatanus	Semi-mature	11	1	370	No	4	3	4	3	2	Exposed roots. Damage to buttress roots. Decay	Twin stemmed at base. Slight lean. Epicormic growths. Stubs. Bark damage. Tight union. Partially included bark. Major cavities. Major decay	Cavities. Minor deadwood. Snapped /hanging branches	Two stems bracing around each other. Major decay at base and up stems	Fair	Poor	<10 yrs	Low	U	Removal recommended regardless of development
G138	Goat Willow Birch	Salix sp. Betula sp.	Early-mature	14	10+	250 avg	Yes	4	See Plan				Bankside group, access prevented detailed inspection and accurate stem measurements. Occasional stems with signs of decay. Provides good screening				Fair	Fair	>40 yrs	Moderate	C	No works required
T139	Oak	Quercus robur	Early-mature	13	1	500	No	1	7	7	6	5	No visual defects	Single stemmed. Vertical. Epicormic growths. Stubs	Cavities. Minor deadwood. Snapped /hanging branches. Good form	Field side tree. Small windblown tree resting in southern crown	Fair	Good	>40 yrs	Moderate	B	No works required

	Tree Species			Measurements				Crown (m)				Tree Condition								Value		Management
Tree ID	Common Name	Latin Name	Maturity	Height (m)	Stems	Stem Diameter (mm)	Estimated	Ave Height	N	E	S	W	Roots	Stem	Crown	Comments	Physiological	Structural	Life Expectancy	Amenity	Category	Works
G140	Goat Willow Birch Oak	Salix sp. Betula sp. Quercus sp.	Early-mature	14	10+	250 avg	Yes	4	See Plan				Small bankside group, access prevented detailed inspection and accurate stem measurement. Some stems with minor cavities and decay. Several trees multiple stemmed throughout. Occasional dead stem				Fair	Fair	>40 yrs	Moderate	C	No works required
T141	Goat Willow	Salix caprea	Semi-mature	7	4	170 170 100 90	No	1	3	2	3	3	No visual defects	Multiple stemmed at 1m. Vertical. Epicormic growths. Stubs	Cavities. Minor deadwood. Snapped /hanging branches		Fair	Fair	20 to 40 yrs	Low	C	Coppice to suitable height
G142	Sycamore	Acer pseudoplatanus	Early-mature	15	10+	250 avg	Yes	1.5	See Plan				Significant epicormic regrowth from old stumps. Elder growing within understorey. Stubs with occasional minor cavities and decay. Multiple stemmed at base with cup-like unions				Fair	Fair	20 to 40 yrs	Moderate	C	Removal required to facilitate development
G143	Birch Elder Hawthorn Oak	Betula sp. Sambucus sp. Crataegus sp. Quercus sp.	Semi-mature	11	10+	150 avg	Yes	2.5	See Plan				Bramble covered trees to side of path, group canopy overhanging path. Larger Birch trees within group are set back from path growing on a steep slope. Saplings bordering path				Fair	Fair	20 to 40 yrs	Low	C	Reduce eastern canopy by 2m to facilitate development
G144	Sycamore Birch Oak	Acer sp. Betula sp. Quercus sp.	Early-mature	12	10+	200 avg	Yes	3.5	See Plan				Group growing along the eastern side of path. Occasional larger trees set back along slope. Group canopy overhangs path. Generally consisting of multiple stemmed trees with occasional cavities and decay throughout. Occasional larger trees within north of group topped to reduce away from high voltage wires overhead				Fair	Fair	>40 yrs	Low	C	Reduce western canopy by 2m to facilitate development

	Tree Species			Measurements				Crown (m)				Tree Condition								Value		Management
Tree ID	Common Name	Latin Name	Maturity	Height (m)	Stems	Stem Diameter (mm)	Estimated	Ave Height	N	E	S	W	Roots	Stem	Crown	Comments	Physiological	Structural	Life Expectancy	Amenity	Category	Works
T145	Oak	Quercus robur	Early-mature	14	6	310 avg	Yes	2	6.5	5	6.5	6.5	No visual defects	Multiple stemmed at base. Vertical. Epicormic growths. Stubs. Old pruning wounds. Cup-like union collecting dirt/water. Minor cavities. Minor decay	Old pruning wounds. Cavities. Minor deadwood. Lower down bank from path	Snapped /hanging branches	Fair	Fair	>40 yrs	Moderate	B	Raise western crown to 4m to facilitate development
G146	Hawthorn Elder	Crataegus sp. Sambucus sp.	Semi-mature	15	10+	210 avg	Yes	3	See Plan				Western boundary group mainly consisting of multiple stemmed trees. Group canopy only slightly overhanging path. Provides good screening				Fair	Fair	20 to 40 yrs	Moderate	C	No works required
T147	Oak	Quercus robur	Mature	14	8	320 avg	Yes	5	7	7	6	7	No visual defects	Multiple stemmed at base. Vertical. Epicormic growths. Old pruning wounds. Stubs. Bark damage. Cup-like union collecting dirt/water. Minor cavities. Minor decay	Old pruning wounds. Cavities. Minor deadwood. Snapped /hanging branches. Rubbing branches		Fair	Fair	>40 yrs	Moderate	B	Removal required to facilitate development
G148	Birch Oak Sycamore	Betula sp. Quercus sp. Acer sp.	Semi-mature	14	10+	180 avg	Yes	4	See Plan				Eastern group on bankside. Occasional early-mature trees amongst. Bramble understorey prevented detailed inspection. Larger trees growing at outer edge of group. Occasional multiple stemmed trees with tight unions and occasional cavities and minor decay				Fair	Fair	>40 yrs	Moderate	C	No works required

Tree Species				Measurements				Crown (m)				Tree Condition							Value		Management	
Tree ID	Common Name	Latin Name	Maturity	Height (m)	Stems	Stem Diameter (mm)	Estimated	Ave Height	N	E	S	W	Roots	Stem	Crown	Comments	Physiological	Structural	Life Expectancy	Amenity	Category	Works
G149	Birch Oak Sycamore	Betula sp. Quercus sp. Acer sp.	Early-mature	14	10+	250 avg	Yes	4	See Plan				Group only slightly overhanging path. Multiple stemmed trees with occasional cup-like and tight unions. Minor cavities and decay. Group slopes downward from path to west				Fair	Fair	>40 yrs	Moderate	C	No works required
T150	Oak	Quercus robur	Semi-mature	12	1	260	No	2.5	4	4	4	4	No visual defects	Single stemmed. Vertical. Epicormic growths. Stubs. Minor cavities. Minor decay. Old pruning wounds	Cavities. Minor deadwood. Snapped /hanging branches. Old pruning wounds	Small Hawthorn in understorey	Fair	Fair	>40 yrs	Moderate	C	Removal required to facilitate development
T151	Oak	Quercus robur	Semi-mature	11	2	190 150	No	3	2.5	2.5	4	4	No visual defects	Twin stemmed at 0.5m. Vertical. Epicormic growths. Old pruning wounds. Stubs	Old pruning wounds. Cavities. Minor deadwood. Snapped /hanging branches		Fair	Fair	>40 yrs	Low	C	No works required
T152	Birch	Betula pendula	Early-mature	12	1	250	No	5	2	2	4	3	No visual defects	Single stemmed. Slight lean to east. Epicormic growths. Old pruning wounds. Stubs	Old pruning wounds. Cavities. Minor deadwood. Snapped /hanging branches		Fair	Fair	20 to 40 yrs	Moderate	C	Removal required to facilitate development
T153	Birch	Betula pendula	Early-mature	12	1	290	No	4	4.5	4	4.5	4	No visual defects	Single stemmed. Vertical. Epicormic growths. Old pruning wounds. Stubs	Old pruning wounds. Cavities. Minor deadwood. Snapped /hanging branches		Fair	Fair	20 to 40 yrs	Moderate	C	Removal required to facilitate development

Tree Species				Measurements				Crown (m)					Tree Condition							Value		Management
Tree ID	Common Name	Latin Name	Maturity	Height (m)	Stems	Stem Diameter (mm)	Estimated	Ave Height	N	E	S	W	Roots	Stem	Crown	Comments	Physiological	Structural	Life Expectancy	Amenity	Category	Works
T154	Oak	Quercus robur	Early-mature	11	2	360 190	No	2	6	6	6	6	No visual defects	Multiple stemmed at 0.5m. Vertical. Epicormic growths. Old pruning wounds. Stubs. Cup-like union collecting dirt/water	Old pruning wounds. Cavities. Minor deadwood. Snapped /hanging branches	Growing down bankide	Good	Fair	>40 yrs	Moderate	B	No works required
G155	Birch Oak Sycamore Hawthorn	Betula sp. Quercus sp. Acer sp. Crataegus sp.	Semi-mature	12	10+	190 avg	Yes	4	See Plan				Eastern group, Bramble throughout preventing detailed inspection. Larger trees growing on downward slope towards adjacent field. Pruned away from path but slightly overhangs. Provides moderate screening				Fair	Fair	>40 yrs	Moderate	C	No works required
T156	Oak	Quercus robur	Young	8.5	1	250	No	3	3.5	3	4.5	4.5	No visual defects	Single stemmed. Vertical. Epicormic growths. Old pruning wounds. Stubs	Old pruning wounds. Cavities. Minor deadwood. Snapped /hanging branches		Fair	Fair	>40 yrs	Moderate	C	Removal required to facilitate development
T157	Birch	Betula pendula	Young	7	1	130	No	5	2	1.5	1.5	1.5	No visual defects	Single stemmed. Vertical. Epicormic growths. Stubs	Old pruning wounds. Cavities. Minor deadwood. Snapped /hanging branches		Fair	Fair	20 to 40 yrs	Low	C	No works required
G158	Birch Oak Sycamore Hawthorn	Betula sp. Quercus sp. Acer sp. Crataegus sp.	Early-mature	12	10+	200 avg	No	4	See Plan				Group growing to east of path. Larger trees growing on downward sloping bankide. Smaller saplings and Hawthorn line path edge. Trees flailed back with slight overhang. Occasional multiple stemmed trees throughout with minor cavities and decay.				Fair	Fair	>40 yrs	Moderate	C	No works required

Tree Species				Measurements				Crown (m)				Tree Condition							Value		Management	
Tree ID	Common Name	Latin Name	Maturity	Height (m)	Stems	Stem Diameter (mm)	Estimated	Ave Height	N	E	S	W	Roots	Stem	Crown	Comments	Physiological	Structural	Life Expectancy	Amenity	Category	Works
T159	Birch	Betula pubescens	Young	6.5	8	100 avg	Yes	1	2.5	2.5	2.5	2.5	No visual defects	Multiple stemmed at base. Vertical. Epicormic growths. Old pruning wounds. Stubs. Tight union. Cup-like union collecting dirt/water	Old pruning wounds. Cavities. Minor deadwood. Snapped /hanging branches		Fair	Fair	20 to 40 yrs	Low	C	Removal required to facilitate development
T160	Birch	Betula pendula	Semi-mature	8.5	2	200 170	No	4	4	4	4	3	No visual defects	Twin stemmed at 0.5m. Vertical. Epicormic growths. Old pruning wounds. Stubs. Tight union. Partially included bark	Old pruning wounds. Cavities. Minor deadwood. Snapped /hanging branches	Pruned away from path	Fair	Fair	20 to 40 yrs	Moderate	C	No works required
G161	Goat Willow Hawthorn	Salix sp. Crataegus sp.	Early-mature	8	10+	250 avg	Yes	4	See Plan				Unmanaged group. Multiple stemmed trees with tight and cup-like unions throughout. Saplings, bramble and Hawthorn understorey prevented detailed inspection				Fair	Fair	10 to 20 yrs	Low	C	No works required
T162	Oak	Quercus robur	Early-mature	12	2	440 300	No	3	4	6.5	6	7	No visual defects	Twin stemmed at 1m. Vertical. Epicormic growths. Old pruning wounds. Stubs	Old pruning wounds. Cavities. Minor deadwood. Snapped /hanging branches. Rubbing branches	Growing on banking. Sheared and a snapped branches hanging in western crown	Good	Fair	>40 yrs	Moderate	B	No works required

Tree Species				Measurements				Crown (m)				Tree Condition							Value		Management	
Tree ID	Common Name	Latin Name	Maturity	Height (m)	Stems	Stem Diameter (mm)	Estimated	Ave Height	N	E	S	W	Roots	Stem	Crown	Comments	Physiological	Structural	Life Expectancy	Amenity	Category	Works
T163	Oak	Quercus robur	Semi-mature	10	2	360 280	No	3	6	4.5	2.5	6.5	No visual defects	Twin stemmed at 0.5m. Vertical. Epicormic growths. Stubs. Old pruning wounds	Old pruning wounds. Cavities. Minor deadwood. Snapped /hanging branches		Fair	Fair	>40 yrs	Moderate	C	No works required
T164	Oak	Quercus robur	Early-mature	10	4	400 260 250 240	No	4	6	6	6.5	6.5	No visual defects	Multiple stemmed at 1m. Vertical. Epicormic growths. Old pruning wounds. Stubs. Cup-like union collecting dirt/water	Old pruning wounds. Cavities. Moderate deadwood. Snapped /hanging branches. Rubbing branches		Good	Fair	>40 yrs	Moderate	B	No works required
G165	Goat Willow	Salix caprea	Semi-mature	5	10+	70 avg	Yes	1	See Plan				Adjacent group of multiple stemmed trees with tight unions. Bramble within understorey prevented detailed inspection				Fair	Fair	10 to 20 yrs	Low	C	Reduce western canopy by 2m to facilitate development
T166	Goat Willow	Salix caprea	Early-mature	8.5	2	280 170	No	3	5	5.5	6	5.5	No visual defects	Twin stemmed at 1m. Vertical. Epicormic growths. Old pruning wounds. Stubs. Tight union	Old pruning wounds. Cavities. Minor deadwood. Snapped /hanging branches		Fair	Fair	20 to 40 yrs	Moderate	C	No works required
T167	Goat Willow	Salix caprea	Semi-mature	7.5	3	200 170 140	Yes	3	5	5	1.5	4.5	No visual defects	Multiple stemmed at 1m. Vertical. Epicormic growths. Stubs. Old pruning wounds. Tight union. Bark damage	Old pruning wounds. Cavities. Minor deadwood. Snapped /hanging branches. Rubbing branches		Fair	Fair	20 to 40 yrs	Low	C	No works required

Tree Species				Measurements				Crown (m)				Tree Condition							Value		Management	
Tree ID	Common Name	Latin Name	Maturity	Height (m)	Stems	Stem Diameter (mm)	Estimated	Ave Height	N	E	S	W	Roots	Stem	Crown	Comments	Physiological	Structural	Life Expectancy	Amenity	Category	Works
T168	Goat Willow	Salix caprea	Young	5	7	90 avg	Yes	1	2	2	2	2	Limited access around base	Multiple stemmed at 1m. Vertical. Epicormic growths. Stubs. Tight union	Old pruning wounds. Cavities. Minor deadwood. Snapped /hanging branches. Rubbing branches	Bramble covered	Fair	Fair	20 to 40 yrs	Low	C	No works required
T169	Sycamore	Acer pseudoplatanus	Semi-mature	9	3	270 240 220	No	2	4	5	4	5	No visual defects	Multiple stemmed at base. Vertical. Epicormic growths. Old pruning wounds. Stubs. Tight union. Cup-like union collecting dirt/water	Old pruning wounds. Cavities. Minor deadwood. Rubbing branches. Snapped /hanging branches	Overhangs path to north	Fair	Fair	20 to 40 yrs	Moderate	C	No works required
T170	Ash	Fraxinus excelsior	Young	4.5	1	110	No	1.5	1.5	1.5	1.5	1.5	No visual defects	Single stemmed. Vertical. Epicormic growths. Stubs	Cavities. Minor dieback. Minor deadwood. Snapped /hanging branches	Showing symptoms of Ash dieback	Poor	Fair	10 to 20 yrs	Low	C	No works required
G171	Hawthorn Elder	Crataegus sp. Sambucus sp.	Semi-mature	6.5	10+	110 avg	Yes	0.5	See Plan				Roadside group. Trimmed away from paths. Low foliage prevented detailed inspection or accurate stem measurements				Fair	Fair	20 to 40 yrs	Low	C	Removal required to facilitate development

	Tree Species			Measurements				Crown (m)				Tree Condition								Value		Management
Tree ID	Common Name	Latin Name	Maturity	Height (m)	Stems	Stem Diameter (mm)	Estimated	Ave Height	N	E	S	W	Roots	Stem	Crown	Comments	Physiological	Structural	Life Expectancy	Amenity	Category	Works
T172	Hawthorn	Crataegus monogyna	Semi-mature	7.5	2	200 140	Yes	1	2.5	3	3	3	No visual defects. Limited access around base	Twin stemmed at 0.5m. Vertical. Epicormic growths. Old pruning wounds. Stubs. Bark damage. Tight union. Partially included bark. Minor cavity. Minor decay	Old pruning wounds. Cavities. Minor deadwood. Snapped /hanging branches. Rubbing branches	Bramble prevented detailed inspection and accurate stem measurement	Fair	Fair	20 to 40 yrs	Low	C	No works required
T173	Sycamore	Acer pseudoplatanus	Semi-mature	10	4	280 260 250 140	No	0.5	5	4.5	5	5	No visual defects	Multiple stemmed at base. Vertical. Epicormic growths. Stubs. Tight union. Partially included bark. Cup-like union collecting dirt/water	Cavities. Minor deadwood. Snapped /hanging branches		Fair	Fair	20 to 40 yrs	Moderate	C	No works required
G174	Goat Willow Hawthorn	Salix sp. Crataegus sp.	Early-mature	9	10+	140 avg	Yes	0	See Plan				Dense group. Hawthorn shrubs prevented detailed inspection				Fair	Fair	10 to 20 yrs	Low	C	Removal of trees within eastern section required to facilitate development
T175	Oak	Quercus robur	Young	8	2	220 200	No	3	4	3.5	4	4	No visual defects	Twin stemmed at base. Vertical. Epicormic growths. Old pruning wounds. Stubs. Tight union. Partially included bark	Cavities. Minor deadwood. Snapped /hanging branches		Fair	Fair	20 to 40 yrs	Low	C	Removal required to facilitate development

Tree Species				Measurements				Crown (m)				Tree Condition							Value		Management	
Tree ID	Common Name	Latin Name	Maturity	Height (m)	Stems	Stem Diameter (mm)	Estimated	Ave Height	N	E	S	W	Roots	Stem	Crown	Comments	Physiological	Structural	Life Expectancy	Amenity	Category	Works
G176	Birch Oak Hawthorn Ash	<i>Betula sp.</i> <i>Quercus sp.</i> <i>Crataegus sp.</i> <i>Fraxinus sp.</i>	Semi-mature	11	10+	170 avg	Yes	4	See Plan				Group to the west of path. Occasional Ash towards field side. Occasional multiple stemmed trees with tight unions. Pruned away from path but still slightly overhangs. Saplings line path, more mature trees down steep bank				Fair	Fair	20 to 40 yrs	Moderate	C	No works required
T177	Birch	<i>Betula pendula</i>	Early-mature	11	2	350 220	No	4	5.5	6	4.5	5.5	No visual defects	Twin stemmed at base. Vertical. Epicormic growths. Old pruning wounds. Stubs	Old pruning wounds. Cavities. Minor deadwood. Snapped /hanging branches	Pruned over path, stubs. Low-leaning eastern stem growing towards path	Fair	Fair	20 to 40 yrs	Moderate	C	Removal required to facilitate development
T178	Birch	<i>Betula pendula</i>	Semi-mature	9	1	250	No	4	3.5	2.5	3.5	2.5	No visual defects	Single stemmed. Slight lean to east. Epicormic growths. Old pruning wounds. Stubs. Bark damage	50% dead / absent. Small / sparse. Old pruning wounds. Cavities. Moderate deadwood. Snapped /hanging branches	Leans over path	Poor	Fair	10 to 20 yrs	Low	C	No works required
T179	Oak	<i>Quercus robur</i>	Semi-mature	13	1	450	No	3	4	4	5.5	5	No visual defects	Single stemmed. Vertical. Epicormic growths. Old pruning wounds. Stubs. Minor cavities. Minor	Old pruning wounds. Cavities. Moderate deadwood. Snapped /hanging branches. Slightly	Pruned hard and lifted over path	Fair	Fair	>40 yrs	Moderate	C	No works required
T180	Oak	<i>Quercus robur</i>	Semi-mature	11	1	380	No	4	4	4	3	4.5	No visual defects	Single stemmed. Vertical. Epicormic growths. Old pruning wounds. Stubs. Minor cavities. Minor decay	Old pruning wounds. Cavities. Moderate deadwood. Snapped /hanging branches		Fair	Fair	>40 yrs	Moderate	C	No works required

Tree Species				Measurements				Crown (m)				Tree Condition							Value		Management	
Tree ID	Common Name	Latin Name	Maturity	Height (m)	Stems	Stem Diameter (mm)	Estimated	Ave Height	N	E	S	W	Roots	Stem	Crown	Comments	Physiological	Structural	Life Expectancy	Amenity	Category	Works
G181	Oak Birch Sycamore	Quercus sp. Betula sp. Acer sp.	Semi-mature	11	10+	240 avg	Yes	4	See Plan				Pruned back from path, poor pruning leaving stubs. Occasional Sycamore saplings within. Bramble covered, preventing detailed inspection				Fair	Fair	>40 yrs	Moderate	C	No works required
T182	Alder	Alnus cordata	Early-mature	12	2	360 150	No	3.5	5	5	5	5	No visual defects	Twin stemmed at base. Vertical. Epicormic growths. Old pruning wounds. Stubs	Old pruning wounds. Cavities. Minor deadwood. Snapped /hanging branches		Fair	Fair	20 to 40 yrs	Moderate	B	No works required
T183	Oak	Quercus robur	Early-mature	13	1	400	No	3	4.5	6	5.5	5	No visual defects	Single stemmed. Vertical. Epicormic growths. Old pruning wounds. Stubs	Old pruning wounds. Cavities. Minor deadwood. Snapped /hanging branches		Fair	Good	>40 yrs	Moderate	B	Removal required to facilitate development
T184	Oak	Quercus robur	Early-mature	11	1	400	No	3	5	6	5	5	No visual defects	Multiple stemmed at 2m. Vertical. Epicormic growths. Old pruning wounds. Stubs. Bark damage. Minor cavities. Minor decay	Cavities. Minor deadwood. Snapped /hanging branches		Fair	Fair	>40 yrs	Moderate	C	Removal required to facilitate development
T185	Oak	Quercus robur	Semi-mature	12	1	250	No	4	4.5	2	4.5	4.5	Exposed roots	Single stemmed. Vertical. Epicormic growths. Stubs	Cavities. Minor deadwood. Snapped /hanging branches		Fair	Fair	>40 yrs	Moderate	C	Removal required to facilitate development

VIEW 1

VIEW 5

VIEW 4

VIEW 3

VIEW 2



Appendix 5: Tree Constraints Plan View 1 Dismantled railway, Bar Lane to Lee Lane, Barnsley Ref: AWA4235	
BRITISH STANDARD 5837:2012 RETENTION CATEGORIES Definitions of these categories can be found in Appendix 2 of the report.	
SCALE: 1:2000	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





Appendix 5:
Tree Constraints Plan
View 2

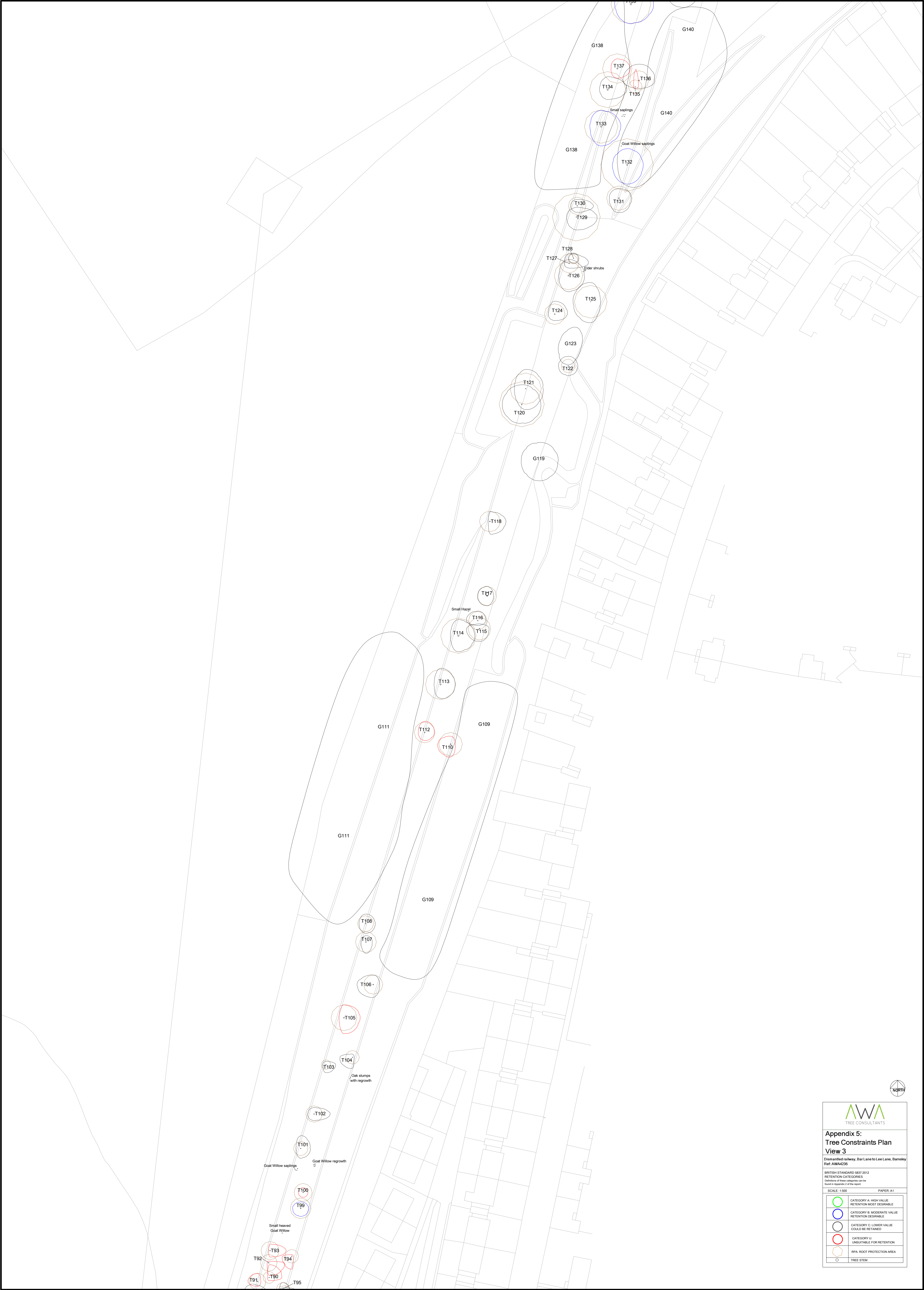
Dismantled railway: Bar Lane to Lee Lane, Barnsley
Ref: AWA4236

BRITISH STANDARD BS37:2012
RETENTION CATEGORIES
(Definitions of these categories can be found in Appendix 2 of the report.)

SCALE: 1:500

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



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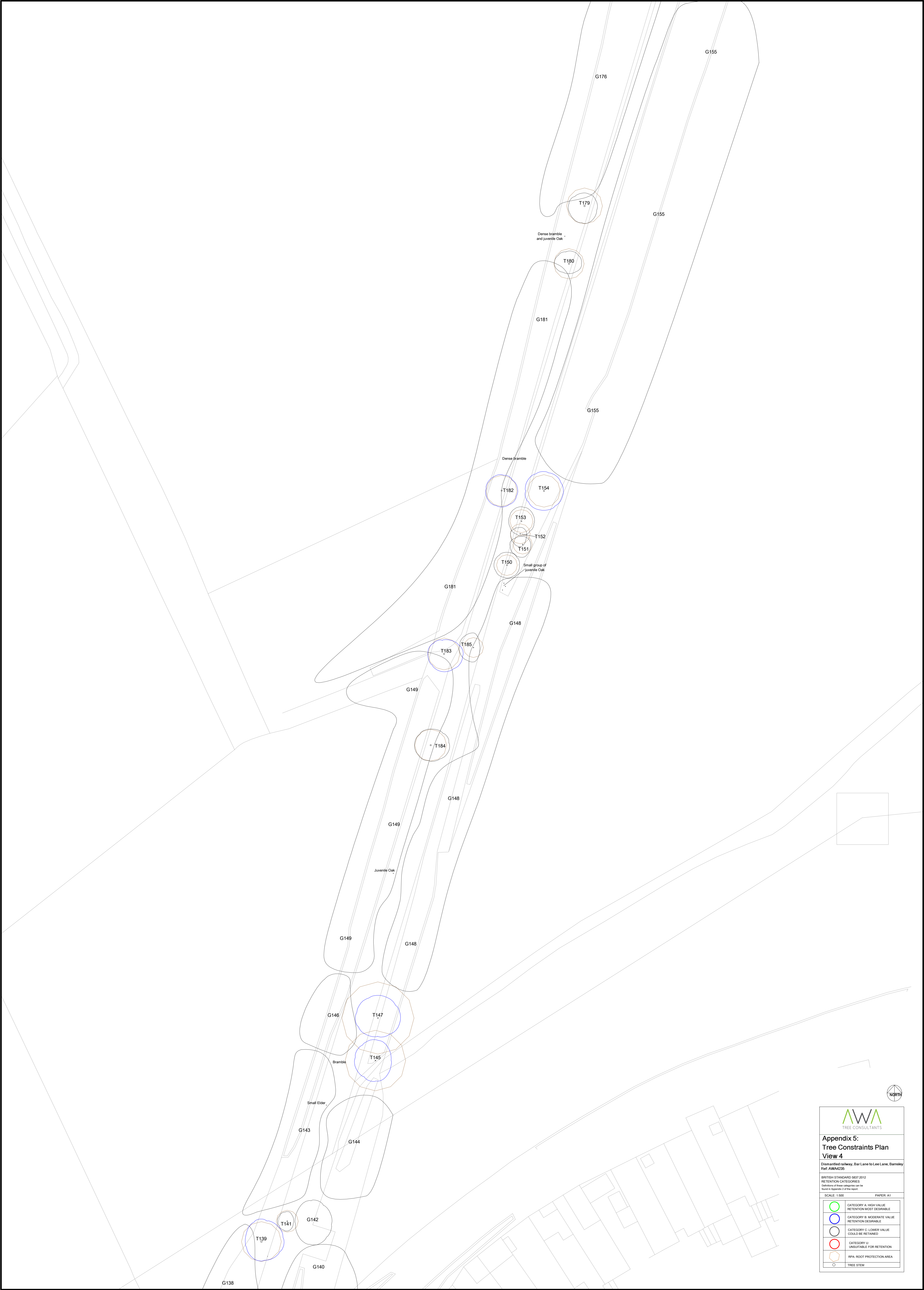
**Appendix 5:
Tree Constraints Plan
View 3**

Dismantled railway, Bar Lane to Lee Lane, Barnsley
Ref: AWA4235

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

SCALE: 1:500 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





Appendix 5:
Tree Constraints Plan
View 4

Dismantled railway, Bar Lane to Lee Lane, Barnsley
Ref: AWA0235

BRITISH STANDARD BS37:2012
RETENTION CATEGORIES
Definitions of these categories can be found in Appendix 2 of the report.

SCALE: 1:500 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 5

VIEW 4

VIEW 3

VIEW 2





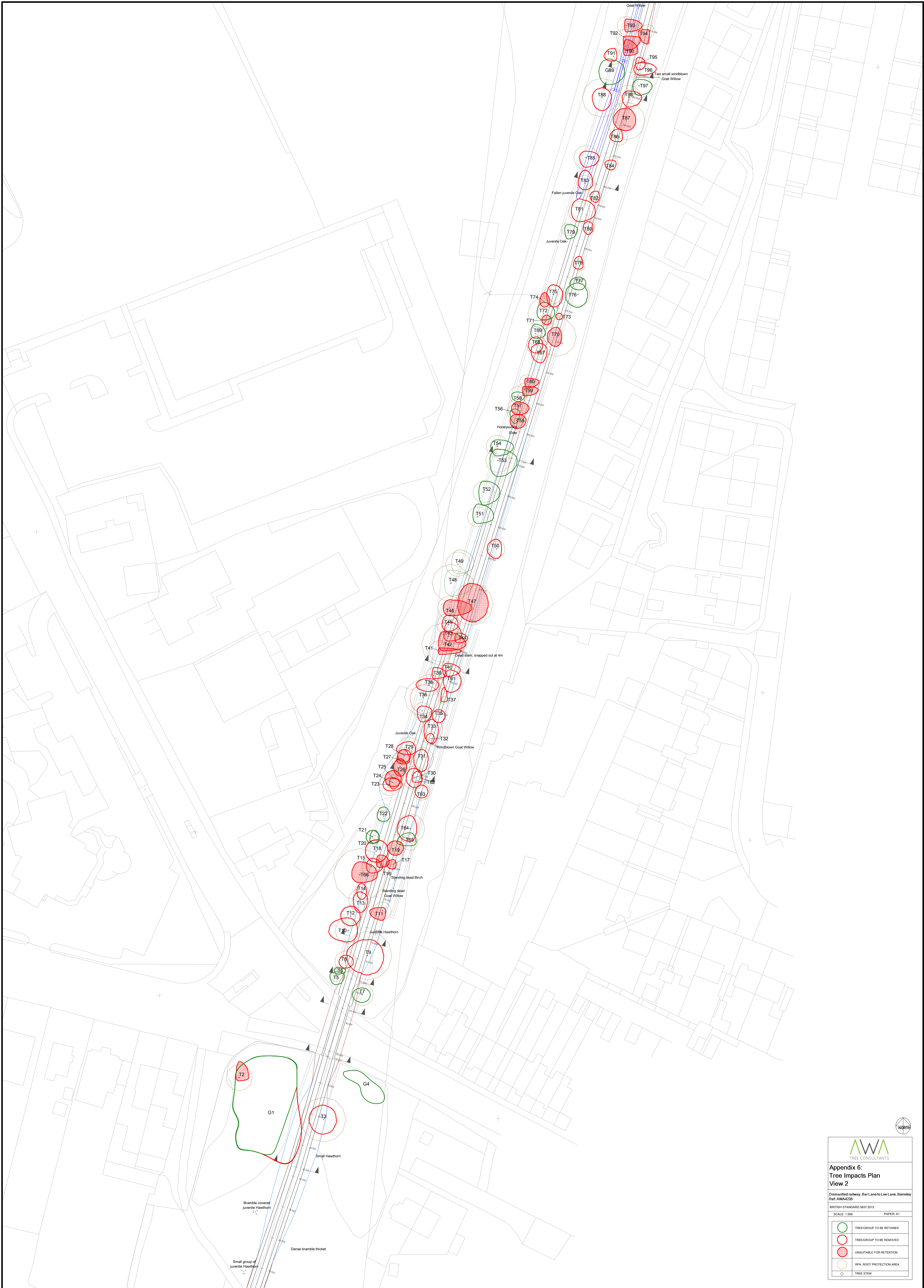
Appendix 6:
Tree Impacts Plan
View 1

Dismantled railway, Bar Lane to Lee Lane, Barnsley
Ref: AWA4235

BRITISH STANDARD 5837:2012

SCALE: 1:2000 PAPER: A1

	TREE/GROUP TO BE RETAINED
	TREE/GROUP TO BE REMOVED
	UNSUITABLE FOR RETENTION
	RPA: ROOT PROTECTION AREA
	TREE STEM





Appendix 6:
Tree Impacts Plan
View 2

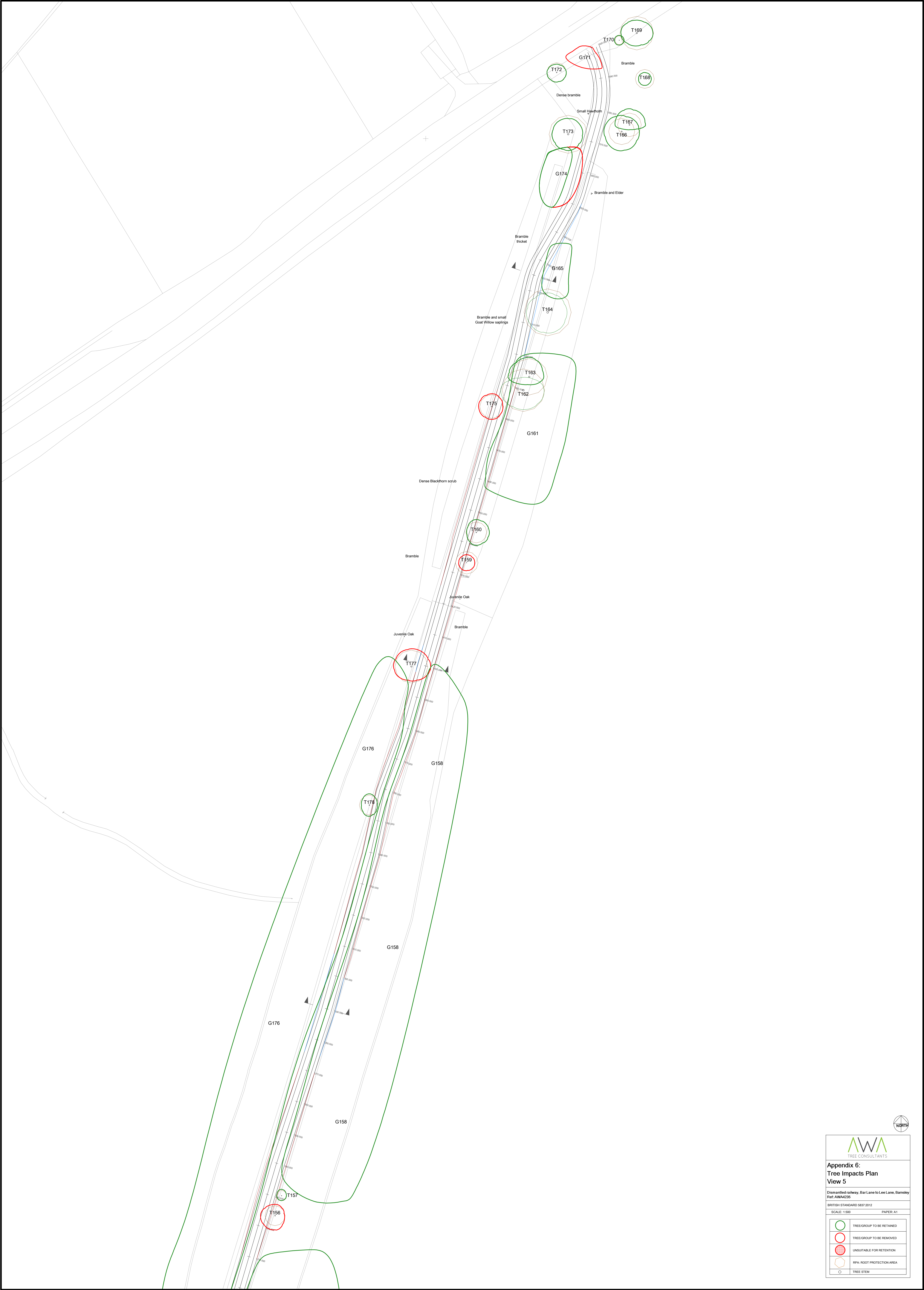
Dismantled railway, Bar Lane to Lee Lane, Bamsley
Ref: AWA4235

BRITISH STANDARD 5837:2012
SCALE: 1:500 PAPER: A1

	TREE/GROUP TO BE RETAINED
	TREE/GROUP TO BE REMOVED
	UNSUITSABLE FOR RETENTION
	RPA: ROOT PROTECTION AREA
	TREE STEM









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**Appendix 6:
Tree Impacts Plan
View 5**

Dismantled railway, Bar Lane to Lee Lane, Barnsley
Ref. AW4235

BRITISH STANDARD 5837:2012

SCALE: 1:500 PAPER: A1

	TREE GROUP TO BE RETAINED
	TREE GROUP TO BE REMOVED
	UNSATURABLE FOR RETENTION
	RPA: ROOT PROTECTION AREA
	TREE STEM