Caversham Park
Caversham
Reading

Arboricultural Impact Assessment

June 2023
11141_AIA.001 Rev B

Project Details	
Client:	Beechcroft Developments Ltd.
Project:	Caversham Park, Caversham, Reading
Report Title:	Arboricultural Impact Assessment
Project Number:	11141
File Reference:	11141_AIA.001 Rev B
Date:	June 2023

Copyright

The copyright of this document remains with Aspect Arboriculture trading division of Aspect Landscape Planning Ltd. All rights reserved. The contents of this document therefore must not be copied or reproduced in whole or in part for any purpose without the written consent of Aspect Arboriculture trading division of Aspect Landscape Planning Ltd.

Limitations

This assessment has been prepared in respect of the proposed development and should not be interpreted as a report on tree health and safety. Reasonable effort has been made to identify visible defects whilst undertaking the tree survey; trees are however, prone to natural failure without warning therefore no guarantee can be made as to the absolute safety of any of the trees surveyed. Aspect's opinion of tree condition and structural potential is therefore valid for a limited period of 12 months from the date of inspection. Validity is assumed in the absence of inclement weather and no change to the trees' existing context. Reliance should not be given to comments made in respect of other disciplines i.e. landscape, ecology or civil engineering without first consulting an appropriate expert.

Liability

This report has been prepared for the exclusive use of the commissioning client and unless otherwise agreed in writing by Aspect Arboriculture trading division of Aspect Landscape Planning Ltd. no other party may use, or rely on the contents of the report. No liability is accepted by Aspect Arboriculture trading division of Aspect Landscape Planning Ltd. for any use of this report, other than for the purposes for which it was originally prepared and provided. No warranty, express or implied, is made as to the advice in this report. The content of this report is partly based on information provided by third parties. Unless otherwise stated, information obtained from any third party has not been independently verified by Aspect Arboriculture trading division of Aspect Landscape Planning Ltd.

Contact Details

Aspect Arboriculture trading division of Aspect Landscape Planning Ltd.
Hardwick Business Park I Noral Way I Banbury I Oxfordshire I OX16 2AF
t 01295 276066 f 01295 265072 e info@aspect-arbor.com
w www.aspect-arbor.com

Contents

Text:

Executive Summary 1

1 Introduction 2

2 Statutory Designations 4

3 Policy Review 5

4 Arboricultural Impact 7

5 Conclusions 14

6 Recommendations 15

Tables:

Table 1.	Net Tree Removals by BS5837 Category
Table 2.	RPA incursions by type and extent

Appendices:

Appendix A	Tree Constraints Plan	11141 TCP 01
Appendix B	Tree Survey Schedule	11141 TS 01
Appendix C	Tree Protection Plan	11141 TPP 01 Rev H
Appendix D	Tree Survey Methodology	11141 TSM 01

Executive Summary

i) **Introduction.** Aspect Arboriculture are commissioned by Beechcroft Developments Ltd. to undertake an Arboricultural Survey and produce a subsequent Arboricultural Impact Assessment in respect of proposed mixed use redevelopment at Caversham Park, Caversham, Reading.

ii) **Proposals.** The proposals comprise the redevelopment of Caversham Park for 65 assisted living units (Class C2) for the over 55's through the conversion of Caversham Park House, 64 bed care home (Class C2), 61 age-restricted retirement dwellings (Class C3), including conversion of the existing buildings The Bursars House and The Lodge, 27 affordable dwellings (Class C3), and refurbishment and extension of the existing pavilion to provide changing facilities, café/studio/interpretation hub and sports provision comprising 2 no. croquet lawns, 2 no. bowling greens, refurbishment of the existing tennis court and associated parking.

iii) **Surveys.** The Site was surveyed in February 2017, and updated during September 2021 following the guidance contained within BS5837:2012.

iv) **Statutory Designations.** Background checks reveal that the Site does not fall within a Conservation Area, but that the trees are afforded protection within an Area Tree Preservation Order (ref: 22/16).

v) **Arboricultural Impact.** The arboricultural impact of the proposed development majors on the removal of low quality ornamental elements of the tree stock. Consisting of 112no. individual trees, none are individually of high quality; only six sit within high quality groups of trees, and a further six sit within moderate quality collections, the remaining c.89% of the removals are category C only. The application is accompanied by a landscape strategy plan, which outlines the approach to tree planting within the competed development.

A preliminary tree protection drawing is provided to demonstrate the deliverability of safeguarding measures for retained trees and to highlight which trees are recommended for removal.

1 Introduction

1.1 Background & Proposals

1.1.1 Aspect Arboriculture are instructed by Beechcroft Developments Ltd. to undertake an Arboricultural Survey and produce a subsequent Arboricultural Impact Assessment in respect of proposed mixed use redevelopment at Caversham Park, Caversham, Reading.

1.1.2 The proposals comprise the redevelopment of Caversham Park for 65 assisted living units (Class C2) for the over 55's through the conversion of Caversham Park House, 64 bed care home (Class C2), 61 age-restricted retirement dwellings (Class C3), including conversion of the existing buildings The Bursars House and The Lodge, 27 affordable dwellings (Class C3), and refurbishment and extension of the existing pavilion to provide changing facilities, café/studio/interpretation hub and sports provision comprising 2 no. croquet lawns, 2 no. bowling greens, refurbishment of the existing tennis court and associated parking.

1.2 Site Overview

1.2.1 The site comprises the northern extent of landscaped grounds associated with Caversham Park. Trees are a significant natural feature of the extant site and setting by virtue of extensive historic parkland trees, interspersed with later ornamental infill plantings to the north of the main house. Access is via the private Caversham Park Drive from Peppard Road to the west, adjacent to which a number of mature ornamental tree plantings have been introduced. Lowfield Road separates the application area from existing residential development to the north.

1.3 Existing Tree Stock

1.3.1 There are 532no. individual trees, 17no. groups of trees, 12no. hedges and 2no. woodlands within the scope of the tree survey. The application area contains a diverse tree assemblage, representing different phases in the occupation and use of Caversham Park, this diversity is represented in terms of species, maturity, structure and quality.

1.3.2 In broad terms, the form and distribution of the tree cover can be considered typical of established parkland with pocket woodland, interspersed with orchard, field boundary hedgerow, shelterbelt and recent ornamental plantings.

1.3.3 In many cases the trees present are conferred simple value in terms of their commemorative status or collective contribution, but there are a significant number of trees with individually distinguishable value, including trees of veteran interest.

1.3.4 The principal tree cover consists of five veteran trees; three Lime toward the northwest of the site, and two Cedar (one Atlas Cedar and one Cedar of Lebanon) to the south of Caversham Park House. Throughout the design process, the retention of these five trees within extensive areas of public open space has been a key priority.

1.3.5 The trees are varied in both their physiological and structural condition and maturity. The established appearance of the more mature trees combined with their frequent siting on and adjacent to the boundaries help to maintain the sylvan character of the site; particularly from the public realm.

1.3.6 Internally, mature parkland trees are complemented by less established components, representing disparate phases of the site's usage. Representing significantly less of a constraint in arboricultural terms, it is on these later and lower quality components of the tree cover that the proposals have focussed their effect.

2 Statutory Designations

2.1 Conservation Area

2.1.1 Background checks reveal that the site does not occur within a Conservation Area (RBC, May 2023).

2.2 Tree Preservation Orders

2.2.1 It is understood that all trees within the curtilage of Caversham Park are afforded protection within area Tree Preservation Order no. 22/16 (RBC, May 2023).

3 Policy Review

3.1 The National Planning Policy Framework

3.1.1 The NPPF (2021) provides planning policy guidance at a National level. With respect to arboriculture, four paragraphs are of particular relevance:

3.1.2 Paragraph 131 details the aspiration to secure increased tree cover within new developments, comprising both new tree planting, and the retention of existing trees where possible: *'Trees make an important contribution to the character and quality of urban environments, and can also help mitigate and adapt to climate change. Planning policies and decisions should ensure that new streets are tree-lined, that opportunities are taken to incorporate trees elsewhere in developments (such as parks and community orchards), that appropriate measures are in place to secure the long-term maintenance of newly-planted trees, and that existing trees are retained wherever possible.'*

3.1.3 Building upon paragraph 131, the Framework also considers that 'decisions should contribute to and enhance the natural and local environment by: recognising the intrinsic character and beauty of the countryside, and the wider benefits from natural capital and ecosystem services – including the economic and other benefits of the best and most versatile agricultural land, and of trees and woodland' (para 174b).

3.1.4 In respect of Veteran Trees and Ancient Woodland, paragraph 180c requires that development proposals award particular consideration to these important features; *'development resulting in the loss or deterioration of irreplaceable habitats (such as ancient woodland and ancient or veteran trees) should be refused, unless there are wholly exceptional reasons and a suitable compensation strategy exists'*.

3.1.5 To confirm, there are five veteran trees within the site; three Lime toward the northwest, and two Cedar towards the southeast. It is subsequently anticipated that the tests of paragraph 180c will not be applied in respect of these trees; to confirm ,all are retained within extensive areas of public open Space and will not be affected by the proposed development.

3.1.6 In addition, paragraph 180d also emphasises the benefit that can be secured through the provision of public access to, and resultant appreciation of, retained tree cover, stating: *'…opportunities to improve biodiversity in and around developments should be integrated as part of their design, especially where this can… enhance public access to nature where this is appropriate.'*

3.2 Reading Borough Local Plan

3.2.1 In terms of development control at a local level, RBC has a statutory obligation to ensure adequate provision is made for the preservation of trees through Section 197 of the Town and Country Planning Act (1990). The current development control document is the Reading Borough Local Plan (Adopted November 2019) within which,

Policies CC3 EN14 are the tests considered relevant to trees in the context of development (reproduced below).

3.2.2 CC3: ADAPTATION TO CLIMATE CHANGE

All developments will demonstrate how they have been designed to incorporate measures to adapt to climate change. The following measures shall be incorporated into development:

- *Use of trees and other planting, where appropriate as part of a landscape scheme, to provide shading of amenity areas, buildings and streets and to help to connect habitat, designed with native plants that are carefully selected, managed and adaptable to meet the predicted changed climatic conditions…*

3.2.3 EN14: TREES, HEDGES AND WOODLANDS

Individual trees, groups of trees, hedges and woodlands will be protected from damage or removal where they are of importance, and Reading's vegetation cover will be extended. The quality of waterside vegetation will be maintained or enhanced.

New development shall make provision for tree retention and planting within the application site, particularly on the street frontage, or off-site in appropriate situations, to improve the level of tree coverage within the Borough, to maintain and enhance the character and appearance of the area in which a site is located, to provide for biodiversity and to contribute to measures to reduce carbon and adapt to climate change. Measures must be in place to ensure that these trees are adequately maintained. POLICY CS 13 (Landscape Character)

3.2.4 In summary, the Council require proposals to demonstrate consideration for existing trees and landscape features of arboricultural significance, with a presumption that those considered to be significant will be retained and protected where possible. This document has been prepared in direct response to this need.

4 Arboricultural Impact

4.1 Pre-Application Engagement

4.1.1 The emerging arboricultural effects of the scheme were introduced to Reading Borough Council, and were subject of a site meeting on 10th October 2022. The salient points identified which required design responses were: That any development to the north of the existing car park should retain a buffer to Lowfield Road and the mature trees bordering the car park; and that the access to the eastern development parcel should retain the line of established Oak by utilising the existing vehicular access and separating the footpath.

4.1.2 Both of these requests have been addressed within the revised scheme, which retains the trees and groups identified above.

4.2 Net Tree Removals[1]

4.2.1 Trees are recommended for removal where: a) it is necessary and unavoidable to site development within proximity to existing trees, such that they cannot be confidently retained in the long-term as living features, and/or b), where the amenity value of the tree will be significantly reduced as a result of the proposals, particularly if already of a low retention priority.

4.2.2 Arboricultural input has been provided from an early stage of layout design, the key objective of which is to enable the confident retention of the site's principal tree cover, particularly those visible from the public realm.

4.2.3 Some tree and hedgerow removal is unavoidable to introduce the proposed development to the site, and landscape restoration works. These trees are detailed within Table 1 overleaf.

4.2.4 By reference to Table 1 overleaf, it is readily demonstrable that the scheme's arboricultural effect has been focussed as far as possible on low quality ornamental components of the treestock. Of 112no. trees to be removed, only six form part of category A collections, and only six sit within category B collections; c.89% of the removals are low quality category C trees only. To confirm, no veteran or individually high quality trees are proposed to be removed or detrimentally affected by the scheme.

4.2.5 In addition, the vast majority of the removals are set internally, where their loss will have a negligible effect on the site's public amenity. The uplift in amenity contribution provided by the important retained trees, secured though the provision of public access to the site, will more than offset the limited initial effect.

[1]All tree works should be timed to avoid the main nesting season for birds between 1st March and 31st August. If scheduled within this period it is recommended that an ecologist is present to advise on any necessary protective measures, and on hand to confirm that tree works are not likely to cause disturbance to nesting birds.

Table 1: Net Tree Removals by BS5837 Category

Category A	Category B	Category C
T511, T512, T514 Ash	**T65** Silver Maple	**T36** Red Oak
T513 & T518 Beech	**T88** Beech	**T37** Tulip Tree
T517 Hornbeam	**T144** Eucalyptus	**T40, T61, T62 T105, T264, T302** Ash
	T196 Horse Chestnut	**T41, T143, T152, T153, T167, T248, T263, T265, T289, T293, T298** Horse Chestnut
	T307 Whitebeam	**T42, T60, T90, T284, T285, T286** Silver Birch
	T309 Western Red Cedar	**T69, T70, T72, T110, T111, T112, T113, T156, T174, T179, T185, T278** Cherry
	G7Δ+, **G16** Beech & Ash	**T71** Rowan
		T92, T145, T150, T151, T154, T155, T157, T162, T168, T250, T251, T252, T254, T255 Norway Maple
		T106 Turkish Hazel
		T107 Sweet Gum
		T132, T225, T226 Yew
		T148, T160 Narrow Leaved Ash
		T149, T260, T261, T287, T288, T292, T486 Lime
		T161, T164, T180, T290, T291, T294, T295 Field Maple
		T163 Red Oak
		T165 Sweet Chestnut
		T170, T178 Norway Maple Crimson King
		T171 Black Walnut
		T175, T177 Purple Plum
		T176, T240 Hornbeam
		T183, T201 Deodar Cedar
		T184 Youngs Weeping Birch
		T197 Copper Beech
		T202 Pin Oak
		T222 Holly
		T235 Lawson Cypress
		T245, T246, T247 English Oak
		T249 Cedar of Lebanon
		T253 Black Walnut
		T262 Sycamore
		T279 Western Red Cedar
		T283, G1 Goat Willow
		T305, T310, T312 Whitebeam
		G3Δ+, **G9**+, **G11**Δ+ **G12**Δ+, **G13**Δ+, **G15**+ **G17**Δ+
		G4Δ Lawson Cypress & Leyland Cypress
		H2Δ Hawthorn & Sessile Oak
		H3Δ Hawthorn & Buddleia
		H5 Laurel
		H8Δ Hawthorn & Elm
		H9 Leyland Cypress
		H10 Western Red Cedar

+ Denotes mixed species assemblage of three or more species – refer to Appendix B

Δ Denotes partial clearance of tree group or hedge

4.2.7 In addition to the trees identified within Table 1, 15no. are to be removed due to their poor structural or physiological condition. These comprise T103, T109, T147, T158, T159, T181, T269, T275, T277, T280, T282, T304, T306, T313 & T403.

4.3 Vulnerable Trees

4.3.1 Arboricultural input has been provided during deign of the proposed scheme, and development features within Root Protection Areas (RPAs) have been avoided. Due to the treed nature of the site, a small degree of excavation will be unavoidable within the RPAs of two trees, and within an existing car park occupying a large part of the RPA of a further group of trees. In addition, it will be necessary to install proposed hard surfacing within the RPAs of six retained trees and a section of footpath passes through the RPA of woodland group W1. Table 2 below identifies the extent of development features within RPAs of retained trees, in all cases the works are achievable subject to appropriate and deliverable construction safeguards.

4.3.2 Table 2. RPA incursions by type and extent

	Supervised Excavation (m^2/%)		Above Soil Surfacing (m^2/%)		Hard Surface Replacement (m^2/%)	
T66	-	-	20.2 m^2	24.7%	-	-
T68	-	-	1.0 m^2	3.5%	-	-
T74	-	-	-	-	2.0 m^2	0.9%
T75	-	-	1.8 m^2	0.8%	2.1 m^2	0.9%
T80	-	-	18.8 m^2	16.6%	-	-
T82	1.2m^2	2.5%	-	-	-	-
T118	-	-	52.1 m^2	3.7%	-	-
T122	-	-	6.8 m^2	5.5%	-	-
T130	-	-	37.5 m^2	15.8%	-	-
T131	2.5m^2	0.6%	-	-	42.4m^2	9.4%
T135	-	-	5.4 m^2	7.5%	-	-
T136	-	-	1.7 m^2	3.6%	-	-
T137	-	-	8.9 m^2	10.9%	-	-
T146	-	-	39.7 m^2	10.8%	-	-
T198	6.5 m^2	2.6%	25.3 m^2	9.9%	-	-
T199	1.0 m^2	0.7%	-	-	-	-
T219	1.7 m^2	1.2%	-	-	-	-
T221	-	-	6.0 m^2	10.9%	-	-
T223	1.5 m^2	0.6%	7.2 m^2	3.0%	-	-
T236	1.2 m^2	1.2%	-	-	-	-
T237	40.4 m^2	21.1%	-	-	-	-
T281	-	-	1.1 m^2	3.2%	-	-
T445	-	-	14.7 m^2	4.0%	-	-
T447	-	-	25.5 m^2	7.8%	-	-
T448	-	-	7.0 m^2	3.4%	-	-
T449	-	-	5.8 m^2	2.0%	23.5 m^2	8.1%
T450	-	-	2.9 m^2	0.8%	34.8 m^2	10.0%
T451	-	-	90.4 m^2	15.1%	59.6 m^2	9.9%
T452	-	-	86.2 m^2	52.9%		-
T453	-	-	58.0 m^2	28.1%		-
T519	10.1 m^2	2.2%	-	-	-	-

Supervised Excavation

4.3.3 The small areas of excavation within the RPAs of T198 & T219 are both necessary to install footings, whilst hard surfacing will cross areas of the RPAs of T82, T131, T199, T223, T236 & T237. All affected areas are identified with an orange wash within the Tree Protection Plan (Appendix C). By reference to Table 2 above, with the exception of T237 all areas of excavation are minor, and located on the edge of the RPAs. In the areas highlighted, the likelihood of encountering significant roots is low, and the rate of natural turnover of rooting material is at its highest.

4.3.4 Whilst the extent of excavation required to construct the bin store and access within the RPA of T237 is not theoretically insignificant, Yew are particularly tolerant to root disturbance, and much of the affected area is currently surfaced to provide pedestrian access. Subsequently, subject to being sensitively carried out, the excavation works are not expected to have a detrimental effect on the Yew's physiological or structural condition. This area has been subject to onsite discussions with Reading Borough Council's Tree Officer who has agreed that the extent of excavation is likely to have less of an effect than the proportion of affected theoretical RPA suggests.

4.3.5 All excavation works should be carried out under direct arboricultural supervision following the guidance of section 7.2 of BS5837:2012. This will ensure that avoidable root severance is avoided, and that any necessary root pruning is undertaken in accordance with best arboricultural practice.

Above Soil Surfacing

4.3.6 The proposals also include the introduction of private driveways, patios and footpaths within the RPAs of T66, T68, T75, T80, T118, T122, T130, T135, T136, T137, T146, T198, T221, T223, T281, T445, T447, T448, T449, T450, T451, T452& T453. In all cases, the proposed routes have has been designed to minimise tree and hedgerow loss. It is however necessary for the routes to pass through the RPAs of a number of retained trees, and to preclude the need for any root severance or associated compaction, it will be necessary to found the surfaces on a CellWeb (or similar) sub base. Of the trees highlighted within Table 2, three warrant individual comment; T451, T452 & T453.

4.3.7 T451, T452 & T453 English Oak: Although on plan the extent of hard surface within the RPAs appear significant, in reality, to the north of the tree, the proposals occupy an existing car park, and to the east, a compacted vehicular access. As a direct result of the existing use, the proposed hard surfacing is deliverable subject to sensitive installation, and CellWeb (or similar) construction where converting soft ground to hard surface. This area has been the subject of an onsite meeting with Reading Borough Council's Tree Officer, leading to a redesign of the footpath layout to facilitate the retention of the affected trees.

4.3.8 The proposals also enable the removal of a significant degree of existing hard surfacing from within the RPA of T74, T75, T76, T77, T79, T131, T133 & T451, these areas are illustrated within Appendix C with a green wash. The replacement of existing hard surfacing with soft landscape will offer betterment to the trees' rooting environment,

subject to sensitive removal of the existing wearing course. Where the wearing course is to be replaced within the RPAs of T74, T75, T131, T449, T450 and T451, the existing sub base is to remain in situ and be reused to form the new hard surfacing.

4.4 Protective Barriers and Ground Protection

4.4.1 It will be important to protect the retained trees' above-ground structures and underlying RPAs from damage during construction works. To achieve this, tree protection barriers should be erected prior to the commencement of any development works.

4.4.2 For the direct protection of retained trees, barriers should consist of the default specification provided in BS5837:2012. The locations for protective fencing are illustrated within the Tree Protection Plan (Appendix C) with a bold blue line, and have been informed by the retained trees' canopy extents, RPAs and existing site features.

4.4.3 It will be necessary to offset tree protection barriers by c.2m from the external walls of proposed dwellings to enable the erection of scaffolding during construction. To ensure the protection of intermediate areas of RPA, ground boarding will need to be installed within the areas identified with a light blue hatch in the Tree Protection Plan. The affected trees comprise T195, T198, T218, T219, T519 & W1. Subject to the installation of ground protection the areas of RPA identified can be safeguarded from compaction or disturbance during construction.

4.5 Pruning Works[2]

4.5.1 It will be necessary to crown lift the overhanging branches of T39 (Himalayan Birch), where oversailing a proposed footpath. The pruning works will be determined onsite, but are anticipated to amount to the shortening of minor lower branches, to provide c.2.4m clearance and to be achievable without detriment to the tree's physiological condition.

4.5.2 It is also recommended that T135, T137 (Lime) & T136 (Cherry) are reduced to enable their retention; this will facilitate additional tree retention over and above that introduced to the Council during pre-application engagement. The pruning works will both reduce their canopy oversail, ultimate height and resultant shading, ensuring their compatibility. Both species are tolerant to the works proposed.

4.5.3 Throughout the entire Site, dead branches should be entirely removed from the canopies of retained trees where within areas of high future use. Although this work is not required to facilitate construction, it will help mitigate the risk of future tree related hazards emerging.

4.5.4 Pruning works should be undertaken in accordance with section 7.3 (for removal of deadwood), section 7.6 (for crown lifting) and section 7.7 (for reduction) of BS3998:2010, by a competent tree contractor. This is required to ensure that cuts are

[2] All tree works should be timed to avoid the main nesting season for birds between 1st March and 31st August. If scheduled within this period it is recommended that an ecologist is present to advise on any necessary protective measures, and on hand to confirm that tree works are not likely to cause disturbance to nesting birds.

performed correctly and positioned so as to avoid future structural defects or physiological issues, facilitate growth and maintain aesthetic value.

4.6 Compensation Replanting

4.6.1 The removal of trees to implement the development generates a requirement for replacement planting to compensate for its initial arboricultural effect. In accordance, the proposals are accompanied by a landscape strategy plan, (submitted separately). The landscape strategy outlines the approach to achieve enhanced landscape provision.

4.6.2 The strategy includes the restoration and replacement of the existing orchard area; and the addition of new groups of native parkland species to the north of Caversham Park House. This approach will serve to supplement the important retained trees and to provide succession planting; ensuring that mature trees continue to be present within the application area over the long term.

4.6.3 Adjacent to the existing built form and areas of car parking, the tree planting is anticipated to comprise a palette of domestic scale ornamental species, appropriate for the more constrained setting. These can both soften the development and provide seasonal interest.

4.6.4 The proposals will also include a circular walk through the grounds; providing public access to an important area that has previously been inaccessible. It is important to realise that the provision of public access will enhance the amenity contribution currently provided by the site's important tree cover. This opportunity corresponds with and is supported by paragraph 180d of the NPPF.

5 Conclusions

5.1.1 To enable accordance with RBC's adopted development control policies, and best practice guidance, the development proposals have been informed by an arboricultural survey of the existing tree stock, following guidance within BS5837:2012.

5.1.2 Arboricultural input has been provided from the earliest stages of design of the development, which has served to focus necessary tree removals on low quality internal elements of the tree stock as far as possible. Subsequently the unavoidable removals major on low quality ornamental components sited internally, where their removal will have a negligible effect on the site's public amenity.

5.1.3 The proposals will be accompanied by a scheme of landscaping, and provide the opportunity to secure betterment to the tree stock, particularly reinforcement of the significant retained trees, alongside succession planting; serving to complement the tree stock.

5.1.4 Subject to ongoing arboricultural input during detailed design of the proposals, including levels, drainage and services, and the implementation of safeguards for protecting retained trees during construction, the proposed development can be introduced whilst ensuring the confident protection of retained trees.

5.1.5 Whilst the retention of significant trees where possible is required by RBC's adopted Policies, none of the tests preclude the removal of trees to implement development. The tree removals are required to introduce proposed development to the site. The introduction of the proposed development is subsequently considered to accord with RBC's adopted Policies CC3 & EN14, and the Framework.

6 Recommendations

6.1.1 Pursuant to the Council's preference to ensure confident tree retention during development, a detailed Arboricultural Method Statement should be prepared, which expands on Appendix C. This could be secured by Condition.

6.1.2 The Arboricultural Method Statement should address matters including: specification for tree protection barriers, including revisions to barrier locations; a schedule of tree works; works within RPAs; details of services, drainage and levels; phasing of work; a scheme for auditing tree protection and subsequent reporting to the LPA should feature explicitly throughout.

6.1.3 Detailed Tree Protection Drawings should be prepared to 1:500 scale to support the AMS, with detail given of proposed levels and service routes.

Prepared By:

James Bardey BSc (Hons) MArborA
Principal Arboricultural Consultant

E: james.bardey@aspect-arbor.com
T: 01295 276066

APPENDICES

APPENDIX A

TREE CONSTRAINTS PLAN (11141 TCP 01)

11141 TCP 01 (2/3)

11141 TCP 01 (3/3)

11141 TCP 01 (1/3)

1:1000 @ A1

0m 10m 20m 40m

KEY:

- Site Boundary
- Tree Numbers
- Tree Canopies
- Category 'U' Trees
- Category 'A' RPA
- Category 'B' RPA
- Category 'C' RPA

Note: Trees 11-13, 21, 22, 27-35, 42, 47, 53, 55, 79, 133, 140, 141, 173-186, 193-194, 203-222, 225-227, 230, 232, 234-236, 245-248, 260, 261, 264-277, 315, 324-327, 377, 378, 448, 449, 453, 458, 465, 472-477, 480, 482, 485-532, Groups G11-G17 and parts of Woodlands W1 and W2 are not on the topographical survey and their locations have been approximated using a scaled aerial photograph combined with measurements taken on site.

Note: Location of Traditional Orchard cited from Magic Maps (magic.defra.gov.uk).



Cited from Google Earth

REV	DATE	NOTE	Drawn	Chk'd

REVISIONS

aspect arboriculture

TITLE

BBC, Caversham Park, Reading
Tree Constraints Plan

CLIENT

Beechcroft Developements Ltd

SCALE	DATE	DRAWN
1:1000 @ A1	SEP 2021	GW

DRAWING NUMBER	REVISION
11141 TCP 01 (Overview)	

Based on topographical survey ref: 26008land R1.dwg

1:500 @ A1

0m 5m 10m 20m

KEY:

- Site Boundary
- Tree Numbers
- Tree Canopies
- Category 'U' Trees
- Category 'A' RPA
- Category 'B' RPA
- Category 'C' RPA

Note: Trees 11-13, 21, 22, 27-35, 42, 47, 53, 55, 79, 133, 140, 141, 173-186, 193-194, 203-222, 225-227, 230, 232, 234-236, 245-248, 260, 261, 264-277, 315, 324-327, 377, 378, 448, 449, 453, 458, 465, 472-477, 480, 482, 485-511-532, Groups G11-G17 and parts of Woodlands W1 and W2 are not on the topographical survey and their locations have been approximated using a scaled aerial photograph combined with measurements taken on site.

Note: Location of Traditional Orchard cited from Magic Maps (magic.defra.gov.uk).

Designated Traditional Orchard

[114 Removed]

[169 Removed]

[192 Removed]

Removed



Cited from Google Earth

REV.	DATE	NOTE	Drawn	Chk'd

REVISIONS

aspect arboriculture

TITLE

BBC, Caversham Park, Reading
Tree Constraints Plan

CLIENT

Beechcroft Developments Ltd

SCALE	DATE	DRAWN
1:500 @ A1	SEP 2021	GW

DRAWING NUMBER	REVISION
11141 TCP 01 (1/3)	

Based on topographical survey ref: 26008land R1.dwg

1:500 @ A1

0m 5m 10m 20m

KEY:

- Site Boundary
- 15 Tree Numbers
- Tree Canopies
- Category 'U' Trees
- Category 'A' RPA
- Category 'B' RPA
- Category 'C' RPA

Note: Trees 11-13, 21, 22, 27-35, 42, 47, 53, 55, 79, 133, 140, 141, 173-186, 193-194, 203-222, 225-227, 230, 232, 234-236, 245-248, 260, 261, 264-277, 315, 324-327, 377, 378, 448, 449, 453, 458, 465, 472-477, 480, 482, 485-532, Groups G11-G17 and parts of Woodlands W1 and W2 are not on the topographical survey and their locations have been approximated using a scaled aerial photograph combined with measurements taken on site.

Note: Location of Traditional Orchard cited from Magic Maps (magic.defra.gov.uk).



Cited from Google Earth

REV	DATE	NOTE	Drawn	CHK'd

REVISIONS

aspect arboriculture

TITLE

BBC, Caversham Park, Reading
Tree Constraints Plan

CLIENT

Beechcroft Developments Ltd

SCALE	DATE	DRAWN
1:500 @ A1	SEP 2021	GW
DRAWING NUMBER		REVISION
11141 TCP 01 (2/3)		

Based on topographical survey ref: 26008land R1.dwg

1:500 @ A1

0m 5m 10m 20m

KEY:

- Site Boundary
- Tree Numbers
- Tree Canopies
- Category 'U' Trees
- Category 'A' RPA
- Category 'B' RPA
- Category 'C' RPA

Note: Trees 11-13, 21, 22, 27-35, 42, 47, 53, 55, 79, 133, 140, 141, 173-186, 193-194, 203-222, 225-227, 230, 232, 234-236, 245-248, 260, 261, 264-277, 315, 324-327, 377, 378, 448, 449, 453, 458, 465, 472-477, 480, 482, 485-532, Groups G11-G17 and parts of Woodlands W1 and W2 are not on the topographical survey and their locations have been approximated using a scaled aerial photograph combined with measurements taken on site.

Note: Location of Traditional Orchard cited from Magic Maps (magic.defra.gov.uk).



Cited from Google Earth

REV	DATE	NOTE	Drawn	Chk'd

REVISIONS

aspect arboriculture

TITLE

BBC, Caversham Park, Reading
Tree Constraints Plan

CLIENT

Beechcroft Developments Ltd

SCALE	DATE	DRAWN
1:500 @ A1	SEP 2021	GW
DRAWING NUMBER		REVISION
11141 TCP 01(3/3)		

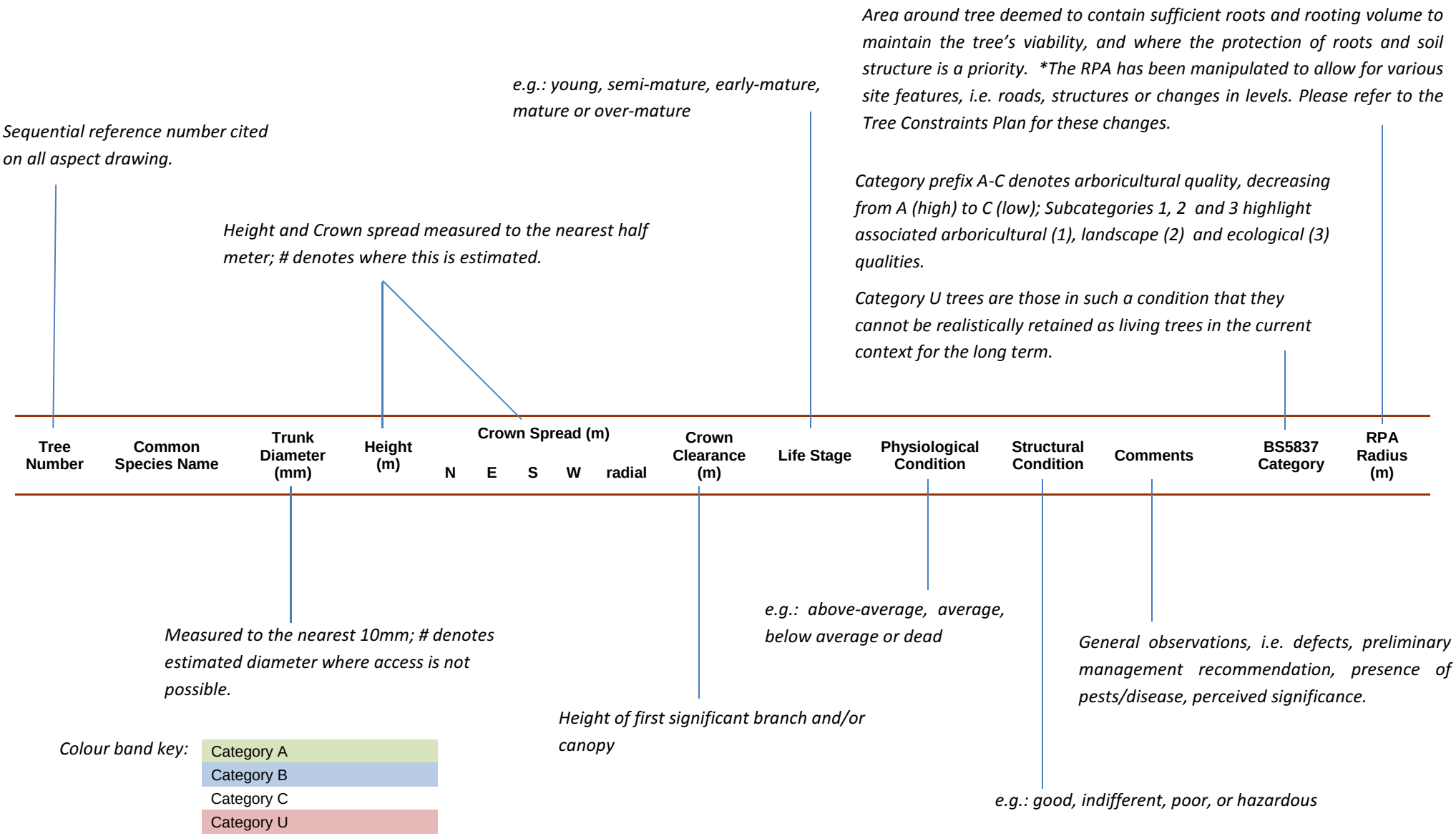
Based on topographical survey ref: 26008land R1.dwg

aspect
arboriculture

BS 5837:2012 Tree Schedule: BBC, Caversham Park, Reading

aspect arboriculture

BS5837:2012 Tree Survey: Explanation of Survey Criteria



The following survey should not be interpreted as a report on tree health and safety. Aspect's opinion of tree condition and structural potential is valid for a limited period of 12 months from the date of inspection. Validity is assumed in the absence of inclement weather and no change to the trees existing setting.

Tree Number	Common Species Name	Trunk Diameter (mm)	Height (m)	Crown Spread (m)					First Significant Branch (m)	Crown Clearance (m)	Life Stage	Physiological Condition	Structural Condition	Comments	BS5837 Category	RPA Radius (m)
				N	E	S	W	Radial								
1	Pin Oak	300	12m	5	5.25	5#	5.25		3.5	1.5	Early Mature	Average	Indifferent	Established ornamental planting, component of a linear collection lining main access road to site Structure typical for the species Previous limb removals from lower canopy to crown lift Moderate example of the species whilst maturing	B12	3.6
2	Red Oak	730	16m	7.5	9.5	10#	8.5		2.5	2	Mature	Average	Indifferent	Established ornamental planting, component of a linear collection lining main access road to site Prominent buttress flares extending into exposed surface roots to north of stem displaying multiple impact wounds Structure typical for the species Leans to the south Previous limb removals from lower canopy to crown lift Good example of the species at maturity, considered to be of high arboricultural value	A12	8.7
3	Copper Beech	530	14m	6.5	6.75	6.5#	7.25		2	1.5	Early Mature	Average	Indifferent	Established ornamental planting, component of a linear collection lining main access road to site Exposed surface roots to north of stem displaying multiple impact wounds Structure typical for the species Previous limb removals from lower canopy to crown lift Moderate example of the species whilst maturing	B12	6.3
4	Red Oak	820	16m	7.75	9.25	8.75	8		1.75	4	Mature	Average	Indifferent	Established ornamental planting, component of a linear collection lining main access road to site Prominent buttress flares extending into exposed surface roots to north and south of stem displaying multiple impact wounds Structure typical for the species Reaction wood on north side of stem at c. 1.5m below sub dominant union Previous limb removals from lower canopy to crown lift Good example of the species at maturity, considered to be of high arboricultural value	A12	9.9
5	Red Oak	370	11m	6.5	6.5	7.25	5.25		2	1.5	Early Mature	Average	Indifferent	Established ornamental planting, component of a linear collection lining main access road to site Impact wound on buttress flare to the west Structure typical for the species Moderate example of the species whilst maturing	B12	4.5
6	Red Oak	360	11m	4.25	5	5.25	4.75		2	2	Early Mature	Average	Indifferent	Established ornamental planting, component of a linear collection lining main access road to site Structure typical for the species Moderate example of the species whilst maturing	B12	4.2

Tree Number	Common Species Name	Trunk Diameter (mm)	Height (m)	Crown Spread (m)					First Significant Branch (m)	Crown Clearance (m)	Life Stage	Physiological Condition	Structural Condition	Comments	BS5837 Category	RPA Radius (m)
				N	E	S	W	Radial								
7	Copper Beech	510	12m	5.75	7	6.75	6.25		2.75	1	Early Mature	Average	Indifferent	Established ornamental planting, component of a linear collection lining main access road to site Prominent buttress flares extending into exposed surface roots to north of stem displaying multiple impact wounds Wide spreading co-dominant union at c. 3m Structure typical for the species Previous limb removals from lower canopy to crown lift Moderate example of the species whilst maturing	B12	6
8	Red Oak	770	18m	8.25	7.5	9.25	9.25		3	1.5	Mature	Average	Indifferent	Established ornamental planting, component of a linear collection lining main access road to site Prominent buttress flares extending into exposed surface roots from all cardinal points of stem Structure typical for the species Previous limb removals from lower canopy to crown lift Good example of the species at maturity, considered to be of high arboricultural value	A12	9.3
9	Red Oak	330	11m	5	6.25	5	4.25		2.25	2.5	Early Mature	Average	Indifferent	Established ornamental planting, component of a linear collection lining main access road to site Exposed surface roots to northwest of stem displaying multiple impact wounds Structure typical for the species Moderate example of the species whilst maturing	B12	3.9
10	Red Oak	800	18m	9.75	8	10	9		2	3	Mature	Average	Indifferent	Established ornamental planting Prominent buttress flares extending into exposed surface roots to the west and to the east where displacing curb edges and tarmac associated with sites west car park Structure typical for the species Previous limb removals from lower canopy to crown lift Good example of the species at maturity, considered to be of high arboricultural value	A12	9.6
11	Horse Chestnut	60	3m					1	1.5	1.5	Young	Average	Indifferent		C12	0.9
12	Silver Birch	120	8m					2	2	2	Semi Mature	Average	Indifferent		C12	1.5
13	Horse Chestnut	90	4m					1.5	2	2	Semi Mature	Average	Indifferent		C12	1.2
14	Copper Beech	600	12.5m	6.5	6.5	6	6.25		3	1.5	Early Mature	Average	Good	Established ornamental planting Single stem maintaining a single leader Exposed surface roots to the east and south Structure typical for the species Good example of the species at maturity, considered to be of high arboricultural value	A12	7.2

Tree Number	Common Species Name	Trunk Diameter (mm)	Height (m)	Crown Spread (m)					First Significant Branch (m)	Crown Clearance (m)	Life Stage	Physiological Condition	Structural Condition	Comments	BS5837 Category	RPA Radius (m)
				N	E	S	W	Radial								
15	Red Oak	780 510	16m	9.5	10	11.25	9.5		1	2	Mature	Average	Indifferent	Established ornamental planting Single stout stem forking low at c. 1m, union appears poor Epicormic growth throughout canopy Structure typical for the species Moderate example of the species at maturity	B12	11.1
16	Lime	1110	10m					5	2.5	1	Mature	Below Average	Poor	Previously heavily reduced/pollarded at c. 5.5m, regrowth now forms canopy Central leader previously failed at c. 5.5m Multiple fungal brackets to the west side of central leader, consistent in appearance with *Ganoderma applanatum* Pockets of decay to the west side of stem at base Considered to be of low arboricultural quality but moderate amenity value	B2	13.2
17	Silver Birch	265 215	12m	4.5	3.25	3.5	4.75		1.5	1	Early Mature	Average	Poor		C12	4.2
18	London Plane	165	8.5m					3.75	2.5	2.5	Semi Mature	Average	Indifferent		C12	2.1
19	Red Oak	780	10.5m	8.5	10.5	5	6		1.5	2	Mature	Below Average	Poor		C1	9.3
20	English Oak	510	13m	7	7	5	7		2.5	3	Early Mature	Average	Indifferent	Sited within boundary hedgerow Clad in Ivy extending into mid canopy Suppressed by companion shelter to the south Structure Appears typical for the species within its current context Average internal deadwood Prominent feature from adjacent residential dwellings to the north Moderate example of the species whilst maturing	B12	6
21	Norway Maple 'Crimson king'	450#	10m					6.25	2.5	2.5	Early Mature	Average	Indifferent	Inaccessible, offsite within adjacent residential land Structure appears typical for the species Prominent feature from road to the west and surrounding dwellings	B2	5.4
22	Holly	250#	8.5m					3	4	4	Early Mature	Average	Indifferent		C12	3
23	Red Oak	800	14.5m	8.5	10.5	9.5	11.5		1	2	Mature	Below Average	Poor	Extensive dieback to entire crown, in a state of terminal decline, unsuitable for retention Bacterial staining on north side of stem	U	N/A

Tree Number	Common Species Name	Trunk Diameter (mm)	Height (m)	Crown Spread (m)					First Significant Branch (m)	Crown Clearance (m)	Life Stage	Physiological Condition	Structural Condition	Comments	BS5837 Category	RPA Radius (m)
				N	E	S	W	Radial								
24	Copper Beech	470	12.5m	6.5	6.25	6	6		2	1	Early Mature	Average	Indifferent	Established ornamental planting Single stem forking at c. 4.5m into two co-dominants, union appears sound Structure typical for the species Moderate example of the species whilst maturing	B12	5.7
25	Holm Oak	270#	5.5m	5	7.5	5	5		0.5	0	Early Mature	Average	Poor		C12	3.3
26	Red Oak	120	5m					2.75	2	2	Semi Mature	Average	Indifferent		C12	1.5
27	Himalayan Birch	2*75	4					1.5	0.5	0.5	Young	Average	Indifferent		C12	1.2
28	Horse Chestnut	50	4m					1	1	1	Young	Average	Indifferent		C12	0.9
29	Lime	90	5m					1.75	0.5	0.5	Young	Average	Indifferent		C12	1.2
30	Lime	80	4m					2.5	0.5	0.5	Young	Average	Indifferent		C12	0.9
31	Silver Maple	135	7m					2.5	1.75	2	Semi Mature	Average	Indifferent		C12	1.5
32	Ash	95	7m					2.5	2	2	Young	Average	Indifferent		C12	1.2
33	Lawson Cypress	280#	7.5m					2.75	0.5	0.5	Semi Mature	Average	Indifferent		C12	3.3
34	Indian Bean Tree	75	4m					1	2	2	Young	Average	Indifferent		C12	0.9
35	Lime	300#	7m					5	2	2	Early Mature	Average	Indifferent		C12	3.6
36	Red Oak	265	8m					4	1.5	2	Semi Mature	Average	Indifferent		C12	3.3
37	Tulip Tree	215	7.5m					3.5	1.5	1.5	Semi Mature	Average	Indifferent		C12	2.7
38	Copper Beech	255	7.5m	3.75	4.25	4.25	4.25		1.5	1.5	Semi Mature	Average	Indifferent		C12	3
39	Himalayan Birch	200	7m					4	2	1	Semi Mature	Average	Indifferent		C12	2.4
40	Ash	145	7m					2.5	1.75	1.75	Semi Mature	Average	Indifferent		C12	1.8

Tree Number	Common Species Name	Trunk Diameter (mm)	Height (m)	Crown Spread (m)					First Significant Branch (m)	Crown Clearance (m)	Life Stage	Physiological Condition	Structural Condition	Comments	BS5837 Category	RPA Radius (m)
				N	E	S	W	Radial								
41	Horse Chestnut	185	5m					3	1	1.5	Semi Mature	Average	Indifferent		C12	2.1
42	Silver Birch	50	5m					1	1.5	1.5	Young	Average	Indifferent		C12	0.9
43	Sycamore	515	14m	3.25	3.75	5.75	7.25		2.5	2.25	Early Mature	Average	Indifferent		B2	6.3
44	Sycamore	400	14m	4	7.75	5.25	2		3.5	2.5	Early Mature	Average	Indifferent	4no Sycamores form a mutually suppressed and cohesive canopy Structures are typical for the species within their current context Individually of limited merit, considered to be of moderate value as a collection only	B2	4.8
45	Sycamore	350	12.5m	5.5	2.25	3	5.25		3	2	Early Mature	Average	Indifferent		B2	4.2
46	Sycamore	410	14m	6	6.25	2.75	3.5		2.75	2.5	Early Mature	Average	Indifferent		B2	4.8
47	Silver Birch	50	4m					1	1	1	Young	Average	Indifferent		C12	0.9
48	Lime	1350	12m					5	2.5	2	Over Mature	Average	Poor	Previously heavily reduced/pollarded at c. 8.5m, regrowth now forms canopy Stem clad and partially obscured by Ivy Several hollows formed at base of stem Extensive epicormic burring throughout stem from past management Multiple partially occluded pruning wounds from previous limb removals Multiple fungal brackets to the northwest side of stem extending up to c. 5m, consistent in appearance with *Ganoderma applanatum* Considered to be of low arboricultural quality but moderate amenity value	B2	15
49	Sweet Chestnut	1050	11m	9.25	9	8.25	8		1	0.5	Mature	Average	Good	Single stem maintaining a single leader with a feathered from base canopy structure and well distributed radial form Good example of the species at maturity, considered to be of high arboricultural value	A12	12.6
50	Sweet Chestnut	730	15m	5.75	5.75	6.75	6.25		1.5	0.5	Mature	Average	Indifferent	Single stem maintaining a single leader, low hanging and weeping form to lower limbs Previous limb removals from lower canopy to crown lift Average internal deadwood Good example of the species at maturity, considered to be of high arboricultural value	A12	8.7
51	Cherry	235	6m	5.75	6.25	4.5	3.75		2	1.75	Semi Mature	Average	Indifferent		C12	2.7

Tree Number	Common Species Name	Trunk Diameter (mm)	Height (m)	Crown Spread (m)					First Significant Branch (m)	Crown Clearance (m)	Life Stage	Physiological Condition	Structural Condition	Comments	BS5837 Category	RPA Radius (m)
				N	E	S	W	Radial								
52	Copper Beech	395	11m	4.5	5.25	5	4.25		2.5	2	Early Mature	Average	Indifferent	Single stem forking at c. 7.5m into two co-dominants, union appears sound Basal impact wound with exposed heartwood to the north side of stem Minor lean to the east Visible from adjacent road and residential dwellings to the north	B2	4.8
53	Horse Chestnut	70	3.5m					1	1.5	1.5	Young	Average	Indifferent		C12	0.9
54	Cherry	340	6m	4.5	3.5	5	5.5		2	1.5	Early Mature	Below Average	Poor	Extensive die-back throughout entire crown, in a state of terminal decline	U	N/A
55	Sycamore	95	5m	2.75	1	2.5	2.75		1.75	2	Young	Average	Indifferent		C12	1.2
56	Cherry	370	12m	4	6.25	6.5	5.5		2.5	1	Early Mature	Average	Poor		C1	4.5
57	English Oak	350	12m	5	5.25	3.5	6.5		3.5	3	Early Mature	Average	Indifferent		C1	4.2
58	Lime	1430	17m	8.75	5.75	8.75	7.5		3	1	Veteran	Average	Poor	Sited within a fenced off area Single stem partially obscured by epicormic growth from base extending up lower stem, hollows forming between buttress flares, significant pocket of decay and *Ganoderma applanatum* bracket to south side of stem Appears to have been previously crown reduced Large amount of Mistletoe within canopy Extensive burring on scaffold limbs from bulging around multiple Mistletoe grafts Crossing and included limbs within the north canopy Considered to be one of two principal components of veteran potential along the northwest boundary of site, visually prominent from internal and external views Considered to be of high arboricultural value	A123	21.4
59	Lime	1310	18m	9#	8.5	8.75	7.75		4	1	Veteran	Average	Poor	Single stem with epicormic burring from past management Appears to have been previously crown reduced Large amount of Mistletoe within canopy Extensive burring on scaffold limbs from bulging around multiple Mistletoe grafts Considered to be one of two principal components of veteran potential along the northwest boundary of site, visually prominent from internal and external views Considered to be of high arboricultural value	A123	19.5
60	Silver Birch	210	10m					4	4	2	Semi Mature	Average	Indifferent		C12	2.4

Tree Number	Common Species Name	Trunk Diameter (mm)	Height (m)	Crown Spread (m)					First Significant Branch (m)	Crown Clearance (m)	Life Stage	Physiological Condition	Structural Condition	Comments	BS5837 Category	RPA Radius (m)
				N	E	S	W	Radial								
61	Ash	210	7.5m					3.75	2	3	Semi Mature	Average	Indifferent		C12	2.4
62	Ash	185	7.5m					3.75	2.25	2.5	Semi Mature	Average	Indifferent		C12	2.1
63	Ash	150	6m					2.75	2	2	Semi Mature	Average	Indifferent		C12	1.8
64	Eucalyptus	510	16m	4	6	5.25	5		2	2.5	Early Mature	Average	Indifferent	Established ornamental planting Structure typical for the species within its current context Moderate example of the species whilst maturing	B12	6
65	Silver Maple	460	14m	5.5	5.5	6.5	6		2	2	Early Mature	Average	Indifferent	Established ornamental planting sited within lawn area associated with sites west car park, ground appears very compacted Single stem forking at c. 2m, union appears tight with included bark Prominent buttress flares extending into exposed surface roots displacing curb edges and tarmac Structure typical for the species within its current context Extensive Mistletoe growth throughout canopy Continues linear collection along sites main access road	B2	5.4
66	Copper Beech	415	12.5m	4.5	4.75	5	3.75		2.25	2	Early Mature	Average	Indifferent	Established ornamental planting sited within lawn area associated with sites west car park, ground appears very compacted Previous limb removals from lower canopy to crown lift Moderate example of the species whilst maturing Continues linear collection along sites main access road	B12	5.1
67	Red Oak	315	8.5m					5.5	2	2.5	Early Mature	Average	Indifferent	Established ornamental planting sited within lawn area associated with sites west car park, ground appears very compacted Previous limb removals from lower canopy to crown lift Moderate example of the species whilst maturing Continues linear collection along sites main access road	B12	3.9
68	Cherry	240	3.5m					3.5	2	1.75	Semi Mature	Average	Indifferent		C12	3
69	Cherry	240	4m					2.75	1.75	2	Semi Mature	Average	Indifferent		C12	3
70	Cherry	230	4m					3.5	2.25	1.5	Semi Mature	Average	Indifferent		C12	2.7
71	Rowan	90	3.5m					1.75	1	1.5	Young	Average	Indifferent		C12	1.2

Tree Number	Common Species Name	Trunk Diameter (mm)	Height (m)	Crown Spread (m)					First Significant Branch (m)	Crown Clearance (m)	Life Stage	Physiological Condition	Structural Condition	Comments	BS5837 Category	RPA Radius (m)
				N	E	S	W	Radial								
72	Cherry	190	4m					2.5	2	2	Semi Mature	Average	Indifferent		C12	2.4
73	English Oak	1210	22m	6.5	7.5	8.25	8		3	1	Mature	Average	Good	Single stem forking at c. 10m into two co-dominants Whorl of large limbs previously removed at c. 4.5m, wounds partially occluded Multiple large epicormic limbs form lower canopy Considered to be the principal component of sites northern boundary collection, prominent feature within internal and external views Good example of the species at maturity, high arboricultural value	A12	14.4
74	Hybrid Cockspur Thorn	550	9m	7.75	6.25	5	6.5		1.75	1.5	Mature	Average	Indifferent	Established ornamental planting Decaying remnants of stub at trees primary union c. 1.75m Basal impact wound with exposed heartwood to east side of stem Moderate example of the species at maturity	B12	6.6
75	Sessile Oak	705	14m	7	7	6.5	7.25		2.25	2	Mature	Average	Indifferent	Visible evidence of roots extending east, south and west into sites east carpark Previous limb removals from lower canopy to crown lift over car park Structure typical for the species within its current context Moderate example of the species at maturity	B12	8.4
76	Sessile Oak	605	13m	8	5.25	8.25	7.25		1.75	2.5	Early Mature	Average	Indifferent	Visible evidence of roots extending east, south and west into sites east carpark Canopy appears sparse Structure typical for the species within its current context Considered to be of moderate amenity value	B2	7.2
77	Whitebeam	410	12m	5.75	4.25	6	5.75		1.5	2	Early Mature	Average	Indifferent		C1	4.8
78	English Oak	850	16m					10	2	2	Mature	Average	Good	Stem partially clad in Ivy Average epicormic growth and burring throughout canopy Average internal deadwood Structure typical for the species within its current context Considered to be the principal component of sites northeast boundary collection, prominent feature within internal and external views Good example of the species at maturity, high arboricultural value	A12	10.2
79	Hybrid Black Poplar	800	21m	6.5	8.5#	8	6.25		4	1.5	Mature	Average	Indifferent		C1	9.6

Tree Number	Common Species Name	Trunk Diameter (mm)	Height (m)	Crown Spread (m)					First Significant Branch (m)	Crown Clearance (m)	Life Stage	Physiological Condition	Structural Condition	Comments	BS5837 Category	RPA Radius (m)
				N	E	S	W	Radial								
80	Atlas Cedar	430 265	14m	4.25	6	7	7		0.5	0.5	Early Mature	Average	Poor	Established ornamental planting sited at main gate house entrance Historic storm damage to leader at c. 7m Previous limb reductions to north canopy to cut back from site entrance Structure typical for the species within its current context Visible from adjacent road to the west	B2	6
81	Red Oak	310	12.5m	4.25	4.75	4.5	4.25		3.25	3.25	Early Mature	Average	Indifferent	Established ornamental planting, component of a linear collection lining main access road to site Slightly suppressed to northwest canopy by T80 Structure typical for the species within its current context Moderate example of the species whilst maturing	B12	3.6
82	Red Oak	330	12m	5.25	5.5	5.5	4.5		2.5	2	Early Mature	Average	Indifferent	Established ornamental planting, component of a linear collection lining main access road to site Structure typical for the species Moderate example of the species whilst maturing	B12	3.9
83	Red Oak	375	13.5m	6.5	6.75	6	5.75		2.5	2	Early Mature	Average	Indifferent	Established ornamental planting, component of a linear collection lining main access road to site Structure typical for the species Moderate example of the species whilst maturing	B12	4.5
84	Beech	280	10m	5	4.25	4.5	4.5		2	1.5	Early Mature	Average	Indifferent	Established ornamental planting, component of a linear collection lining main access road to site Structure typical for the species Moderate example of the species whilst maturing	B12	3.3
85	Red Oak	300	10m	5.5	5	5	4.75		2	2	Early Mature	Average	Indifferent	Established ornamental planting, component of a linear collection lining main access road to site Structure typical for the species Moderate example of the species whilst maturing	B12	3.6
86	Red Oak	275	12m	4	5	4.75	4.75		2	2	Early Mature	Average	Indifferent	Established ornamental planting, component of a linear collection lining main access road to site Structure typical for the species Moderate example of the species whilst maturing	B12	3.3
87	Red Oak	300	11.5m	4.75	5	5	4.75		2	2	Early Mature	Average	Indifferent	Established ornamental planting, component of a linear collection lining main access road to site Structure typical for the species Moderate example of the species whilst maturing	B12	3.6

Tree Number	Common Species Name	Trunk Diameter (mm)	Height (m)	Crown Spread (m)					First Significant Branch (m)	Crown Clearance (m)	Life Stage	Physiological Condition	Structural Condition	Comments	BS5837 Category	RPA Radius (m)
				N	E	S	W	Radial								
88	Beech	315	11m	5	4.75	4.25	4.5		2	1	Early Mature	Average	Indifferent	Established ornamental planting, component of a linear collection lining main access road to site Structure typical for the species Moderate example of the species whilst maturing	B12	3.9
89	Red Oak	350	12m	5.75	5.25	5.25	5.5		2.25	1.75	Early Mature	Average	Indifferent	Established ornamental planting, component of a linear collection lining main access road to site Structure typical for the species Moderate example of the species whilst maturing	B12	4.2
90	Silver Birch	145	9m					3.25	0.5	0.5	Semi Mature	Average	Indifferent		C12	1.8
91	Horse Chestnut	155	7m					3	1	1	Semi Mature	Average	Indifferent		C12	1.8
92	Norway Maple	145	6m					3	1.25	1.5	Semi Mature	Average	Indifferent		C12	1.8
93	Blue Atlas Cedar	320	10.5m	5.25	4.5	5.25	3.75		1	0.5	Early Mature	Average	Indifferent	Established ornamental planting, component of a linear collection lining main access road to site Structure typical for the species Moderate example of the species whilst maturing	B12	3.9
94	Hazel	19*50#	3m					2.5	0	0.5	Semi Mature	Average	Indifferent		C12	2.7
95	Norway Maple	215	8m					3	2	2	Semi Mature	Average	Indifferent		C12	2.7
96	Ash	140	7m					3	1.5	1.5	Semi Mature	Average	Indifferent		C12	1.8
97	Red Oak	370	12.5m	4.5	4.75	3.75	4		1.75	2	Early Mature	Average	Indifferent	Established ornamental planting Slightly suppressed to southwest canopy by T109 Structure typical for the species within its current context Considered to be of moderate amenity value	B2	4.5
98	Ash	160	8m					3	1.5	2	Semi Mature	Average	Indifferent		C12	1.8
99	Norway Maple	195	8m					3.75	2.5	2	Semi Mature	Average	Indifferent		C12	2.4
100	Red Oak	200	9m	4	5	3.25	3.5		1.5	1.75	Semi Mature	Average	Indifferent		C12	2.4
101	Ash	140	6m					3	1.5	1.5	Semi Mature	Average	Indifferent		C12	1.8

Tree Number	Common Species Name	Trunk Diameter (mm)	Height (m)	Crown Spread (m)					First Significant Branch (m)	Crown Clearance (m)	Life Stage	Physiological Condition	Structural Condition	Comments	BS5837 Category	RPA Radius (m)
				N	E	S	W	Radial								
102	Red Oak	240	10m	5	5.5	5.25	4.5		1.75	1.75	Semi Mature	Average	Indifferent		C12	3
103	Horse Chestnut	190	1m					0	0	0	Semi Mature	Dead	Poor	C.1m standing deadwood	U	N/A
104	Silver Maple	220	10m	3.5	3.25	3	3.75		1.5	1.5	Semi Mature	Average	Indifferent		C12	2.7
105	Ash	80	6m					2	1.5	1.5	Young	Average	Indifferent		C12	0.9
106	Turkish Hazel	110	6m					2	1.25	1.25	Young	Average	Indifferent		C12	1.2
107	Sweet Gum	75	6m					1.5	1	1	Young	Average	Indifferent		C12	0.9
108	Hawthorn	135	6m					2.75	1.75	1.75	Semi Mature	Average	Indifferent		C12	1.5
109	Cherry	335	12m					5	1.25	1	Early Mature	Dead	Poor	Standing deadwood	U	N/A
110	Cherry	330	11m					5.75	2	1	Early Mature	Average	Indifferent		C12	3.9
111	Cherry	95	5m					2.5	1	1.5	Young	Average	Indifferent		C12	1.2
112	Cherry	240	12m					4.75	1.5	1	Semi Mature	Average	Indifferent		C12	3
113	Cherry	270	8m					5	1.25	1	Early Mature	Average	Indifferent		C12	3.3
115	English Oak	275	9m					4.5	1.5	1.5	Semi Mature	Average	Indifferent		C12	3.3
116	Honey Locust	85	5m					1.75	1	1	Young	Average	Indifferent		C12	0.9
117	English Oak	80 50	6m					3	1	1	Young	Average	Indifferent		C12	1.2
118	Lime	1400	11m					5	2.5	2	Veteran	Average	Poor	Single stout stem forking at c. 2.5m, appears completely hollow Previously pollarded at c. 3m and 4.5m Typical large amount of epicormic growth at base of stem Canopy clad and obscured by Ivy, unable to thoroughly inspect Acknowledged as a veteran specimen	A23	21
119	English Oak	270	9m	4	4	3.25	5.25		2	2	Semi Mature	Average	Poor		C12	3.3

Tree Number	Common Species Name	Trunk Diameter (mm)	Height (m)	Crown Spread (m)					First Significant Branch (m)	Crown Clearance (m)	Life Stage	Physiological Condition	Structural Condition	Comments	BS5837 Category	RPA Radius (m)
				N	E	S	W	Radial								
120	Lawson Cypress	200 3*110 50	8m					2.75	1.75	1	Early Mature	Average	Poor		C12	3.3
121	Hawthorn	150 4*100 50	7m					2.75	2	1	Early Mature	Average	Indifferent		C12	3
122	Scots Pine	530	12m	3	1	3#	3#		7	3.5	Early Mature	Average	Indifferent	Sited within boundary hedgerow to sites western perimeter Structure typical for the species within its current context Prominent feature from adjacent road and residential dwellings Considered to be of moderate amenity value	B2	6.3
123	English Oak	150	8m					3	1.75	1.75	Semi Mature	Average	Indifferent		C12	1.8
124	Lilac	3*150 3*100 7*50#	4m					3.5	0.5	0.5	Early Mature	Average	Indifferent		C12	3.6
125	Lawson Cypress	395	14m					3.5	3	1	Early Mature	Average	Poor	Established ornamental planting Single stem forking at c. 3.5m into two co-dominants, union appears tight Structure typical for the species within its current context Prominent feature from adjacent road and residential dwellings Considered to be of moderate amenity value	B2	4.8
126	Pear	125	8m					2.5	0.75	1	Semi Mature	Average	Poor		C12	1.5
127	Yew	410	5.5m					3.75	0.5	0.75	Early Mature	Average	Indifferent		C12	4.8
128	Apple	235	5m	2	3.75	4.5	2.75		1.75	1	Early Mature	Average	Poor		C12	2.7
129	Rowan	50	3.5m					1.75	0.5	2	Semi Mature	Average	Poor		C12	0.9

Tree Number	Common Species Name	Trunk Diameter (mm)	Height (m)	Crown Spread (m)					First Significant Branch (m)	Crown Clearance (m)	Life Stage	Physiological Condition	Structural Condition	Comments	BS5837 Category	RPA Radius (m)
				N	E	S	W	Radial								
130	Deodar Cedar	730	14m	5.75	7.75	8.5	7.25		6.5	5	Mature	Average	Indifferent	Established ornamental planting sited on main gate house entrance Single stem maintaining a single leader Previous multiple limb removals from lower to mid canopy to crown lift over road and adjacent buildings Structure typical for the species within its current context Prominent arboricultural feature on sites main entrance visible from adjacent road and residential dwellings Moderate example of the species at maturity	B12	8.7
131	English Oak	995	21m	8.25	8.5	8.5	7		8	5	Mature	Average	Indifferent	Single stem Epicormic burring on the lower trunk Previously crown lifted Structure is typical for the species Prominent standalone feature	A2	12
132	Yew	780	16m	5.25	5.25	6.75	6.75		3.5	2.5	Mature	Below Average	Indifferent	Single stem, maintaining a single leader Structure is typical for the species Canopy appears sparse for the species Hard surfacing around the base, with surface roots visible within	C1	9.3
133	Sycamore	450#	15m	6.75	6.25	6.75	6		2	3	Early Mature	Average	Indifferent	Inaccessible Outlier of the adjacent area of woodland Partially cohesive with the adjacent woodlands edge components Unremarkable example of the species	C1	5.4
134	English Oak	315	12m					5	1.75	1.75	Early Mature	Average	Indifferent	Single stem Structure is typical for the species Unremarkable example of the species	C12	3.9
135	Lime	405	12m					5.25	1.5	1.75	Early Mature	Average	Indifferent	Single stem Structure is typical for the species Previously crown lifted Unremarkable example of the species	C12	4.8
136	Cherry	325	11m					5.75	1.5	2	Early Mature	Average	Indifferent	Single stem Structure is typical for the species Unremarkable example of the species	C12	3.9
137	Lime	425	10m					4.75	2	2	Early Mature	Average	Indifferent	Single stem Structure is typical for the species Unremarkable example of the species	C12	5.1

Tree Number	Common Species Name	Trunk Diameter (mm)	Height (m)	Crown Spread (m)					First Significant Branch (m)	Crown Clearance (m)	Life Stage	Physiological Condition	Structural Condition	Comments	BS5837 Category	RPA Radius (m)
				N	E	S	W	Radial								
138	Plum	75	2.5m					1.75	1.75	1.75	Young	Average	Indifferent	Unremarkable ornamental planting	C12	0.9
139	Turkey Oak	800	18m	9.75	12	9	8.75		3	3	Mature	Average	Indifferent	Cohesive with companions to the south Structure appears typical for the species High arboricultural quality	A12	9.6
140	Apple	75	2.5m					1.75	1.5	1	Young	Average	Indifferent	Unremarkable ornamental planting	C12	0.9
141	Beech	2*80	5m					3.25	1	2	Young	Average	Poor	Unremarkable ornamental planting Cladded in Ivy	C12	1.5
142	English Oak	165	6.5m					3	1.75	1.5	Semi Mature	Average	Indifferent	Unremarkable ornamental planting	C12	2.1
143	Horse Chestnut	115	5m					1.5	1.5	1.5	Young	Average	Indifferent	Unremarkable ornamental planting	C12	1.5
144	Eucalyptus	390	16m	4.5	4.5	3.75	3.75		1.5	1.5	Early Mature	Average	Indifferent	Structure appears typical for the species Included union at c. 4m and at c. 5m	B2	4.8
145	Norway Maple	120	6m					2	2	2	Young	Average	Indifferent	Unremarkable ornamental planting	C12	1.5
146	Sycamore	900	19m	7.25	7.75	7.75	7.75		2.5	2	Mature	Average	Indifferent	Single stem, co-dominant from c. 4.5m, union is cladded in Ivy Basal epicormic growth Canopy appears to have a balanced structure Moderate arboricultural quality	B12	10.8
147	Horse Chestnut	200	6m					2.5	2	2	Semi Mature	Below Average	Indifferent	Bark necrosis and bleeding lesion on the lower trunk Considered to be of reduced future potential	U	N/A
148	Narrow-leaved Ash	200	7m					3.5	1.75	1.75	Semi Mature	Average	Indifferent	Unremarkable ornamental planting	C12	2.4
149	Lime	220	6m					3.5	1.75	1	Semi Mature	Average	Indifferent	Unremarkable ornamental planting Included union at c. 2m with a sub-dominant stem	C12	2.7
150	Norway Maple 'Crimson King'	155	7m					2.75	2	1.75	Semi Mature	Average	Indifferent	Unremarkable ornamental planting	C12	1.8
151	Purple Norway Maple	165	6.5m					2.75	2	2	Semi Mature	Average	Indifferent	Unremarkable ornamental planting	C12	2.1

Tree Number	Common Species Name	Trunk Diameter (mm)	Height (m)	Crown Spread (m)					First Significant Branch (m)	Crown Clearance (m)	Life Stage	Physiological Condition	Structural Condition	Comments	BS5837 Category	RPA Radius (m)
				N	E	S	W	Radial								
152	Horse Chestnut	70	2.5m					1	1	1	Young	Average	Indifferent	Unremarkable ornamental planting	C12	0.9
153	Horse Chestnut	70	2.5m					1.5	1	1	Young	Average	Indifferent	Unremarkable ornamental planting	C12	0.9
154	Norway Maple	110	4m					2	1.75	1.75	Young	Average	Poor	Unremarkable ornamental planting Impact wound on the lower south side of the trunk	C12	1.2
155	Purple Norway Maple	170	6m					3	2	2	Semi Mature	Average	Indifferent	Unremarkable ornamental planting	C12	2.1
156	Cherry	265	5.5m					4.5	1.75	1.75	Semi Mature	Average	Indifferent	Unremarkable ornamental planting	C12	3.3
157	Norway Maple	255	7.5m					3.75	1.5	1.5	Semi Mature	Average	Indifferent	Unremarkable ornamental planting	C12	3
158	Lime	180	4.5m					3.25	0.75	0.5	Semi Mature	Average	Poor	Unremarkable ornamental planting Large impact wound to the south Established basal epicormic growth	U	N/A
159	Cherry Plum	120	4m	2.75	2.75	2.75	1		1	1	Young	Average	Poor	Unremarkable ornamental planting Impact wound at the base to the west	U	N/A
160	Narrow-leaved Ash	125	6m					3	2	2	Semi Mature	Average	Indifferent	Unremarkable ornamental planting	C12	1.5
161	Field Maple	195	7.5m					3.75	1.75	1	Semi Mature	Average	Indifferent	Unremarkable ornamental planting	C12	2.4
162	Norway Maple	315	10m					6	2	1.75	Early Mature	Average	Indifferent	Unremarkable ornamental planting	C12	3.9
163	Red Oak	320	10.5m					3.75	1	1	Early Mature	Average	Indifferent	Unremarkable ornamental planting	C12	3.9
164	Field Maple	340	10m					5.5	1.75	1.75	Early Mature	Average	Indifferent	Unremarkable ornamental planting	C12	4.2
165	Sweet Chestnut	185	6m					3.5	1	1	Semi Mature	Average	Poor	Unremarkable ornamental planting Impact wound at the base to the west	C12	2.1
167	Horse Chestnut	120	6m					1.75	1.5	1.75	Young	Average	Indifferent	Unremarkable ornamental planting	C12	1.5
168	Norway Maple	105	4.5m					1.5	2	2	Young	Average	Indifferent	Unremarkable ornamental planting	C12	1.2

Tree Number	Common Species Name	Trunk Diameter (mm)	Height (m)	Crown Spread (m)					First Significant Branch (m)	Crown Clearance (m)	Life Stage	Physiological Condition	Structural Condition	Comments	BS5837 Category	RPA Radius (m)
				N	E	S	W	Radial								
169	Sycamore	275	9.5m					5	2	2	Early Mature	Average	Indifferent	Unremarkable ornamental planting Balanced canopy	C12	3.3
170	Purple Norway Maple	240	8.5m					3.5	2	2	Semi Mature	Average	Indifferent	Unremarkable ornamental planting	C12	3
171	Black Walnut	115	5m					2	1.5	2	Young	Below Average	Indifferent	Unremarkable ornamental planting Impact wound at the base	C12	1.5
172c	Black Walnut	55	3.5m					1	2	2	Young	Below Average	Indifferent	Ornamental planting Plaque at the base - memorial tree	A3	0.9
173	Norway Maple	65	4m					1.5	2	2	Young	Average	Indifferent	Unremarkable ornamental planting	C12	0.9
174	Cherry	240	5m					3.5	1	1	Semi Mature	Average	Indifferent	Unremarkable ornamental planting	C12	3
175	Purple Plum	90	4m					2.5	0.5	0.5	Young	Average	Indifferent	Unremarkable ornamental planting	C12	1.2
176	Hornbeam	100	7.5m					2	0.5	0.5	Young	Average	Indifferent	Unremarkable ornamental planting	C12	1.2
177	Purple Plum	100	3.5m					2	0.5	0.5	Young	Average	Indifferent	Unremarkable ornamental planting	C12	1.2
178	Purple Norway Maple	210	7m					2.5	1.75	2	Semi Mature	Average	Indifferent	Unremarkable ornamental planting	C12	2.4
179	Cherry	270	5m					2.75	2	2.5	Early Mature	Average	Indifferent	Unremarkable ornamental planting	C12	3.3
180	Field Maple	170	6m					3	1.75	1.75	Semi Mature	Average	Indifferent	Unremarkable ornamental planting	C12	2.1
181	Cherry	210	4m					3	2	2	Semi Mature	Below Average	Poor	Considered to be of reduced future potential Sparse canopy Above average minor deadwood	U	N/A
183	Deodar Cedar	275	7.5m					3.5	0.5	0.5	Semi Mature	Average	Indifferent	Unremarkable ornamental planting	C12	3.3
184	Youngs Weeping Birch	135	2.5m					3	2	0	Semi Mature	Average	Indifferent	Unremarkable ornamental planting	C12	1.5
185	Cherry	260	3m					3.25	2	1	Semi Mature	Average	Indifferent	Unremarkable ornamental planting	C12	3

Tree Number	Common Species Name	Trunk Diameter (mm)	Height (m)	Crown Spread (m)					First Significant Branch (m)	Crown Clearance (m)	Life Stage	Physiological Condition	Structural Condition	Comments	BS5837 Category	RPA Radius (m)
				N	E	S	W	Radial								
186	Atlas Cedar	1980	14m	14.5	16.75	19.75	20		1	N 4 E 0 S 0 W 0	Veteran	Average	Indifferent	Veteran amenity planting Large lower boughs have drooped to ground level to the south, east and west Multiple large diameter lower limbs have been previously removed, through stages of historic pruning and failures Appears to previously have lost its upper scaffold/top at c. 12m *Phaeolus schweinitzii* bracket at an old pruning wound North side of the canopy has been previously reduced from Caversham Park Prominent feature within the setting High arboricultural quality	A123	29.6
187	Douglas Fir	995	21m	6.75	7.75	8	10.5		1.5	1.5	Mature	Average	Indifferent	Prominent amenity planting Structure is typical for the species at maturity Previously crown lifted to the north Mulch and surface roots around the base High arboricultural quality	A12	12
188	English Oak	740	19m	7.25	10.25	10.5	10.5		3	1.5	Mature	Average	Indifferent	Prominent amenity planting Structure is typical for the species at maturity Partially cohesive with T187 to the north High arboricultural quality	A12	9
189	Deodar Cedar	170	7.5m					2.75	0.5	0.5	Semi Mature	Average	Indifferent	Unremarkable ornamental planting	C12	2.1
190	Lime	1165	22m	6	6	8	8.5		3	2	Mature	Average	Poor	Single stem Bud proliferation on the lower stem and scaffold structure Mistletoe within the canopy has caused large bulging on the scaffold structure Prominent within views across the setting	A2	14.1
191	Lime	770	19m	6.25	6.75	3.75	6.75		4	1.5	Mature	Average	Poor	Single stem Bud proliferation on the lower stem and scaffold structure Mistletoe within the canopy has caused large bulging on the scaffold structure Appears to have previously lost a central leader Prominent within views across the setting	A2	9.3
192	Lime	870	23m	9.25	8.75	11.5	11.5		4.5	1.5	Mature	Average	Poor	Single stem Bud proliferation on the lower stem and scaffold structure Mistletoe within the canopy has caused large bulging on the scaffold structure Wide spread scaffold structure Prominent within views across the setting	A2	10.5

Tree Number	Common Species Name	Trunk Diameter (mm)	Height (m)	Crown Spread (m)					First Significant Branch (m)	Crown Clearance (m)	Life Stage	Physiological Condition	Structural Condition	Comments	BS5837 Category	RPA Radius (m)
				N	E	S	W	Radial								
193	Blue Atlas Cedar	490	16m	6.5	6.75	5.5	5		2	0.5	Early Mature	Average	Poor	Canopy appears slightly space for the species Animal burrow at the base to the east Moderate example of the species	B2	6
194	Cedar of Lebanon	1720	20m	11.25	4.25	9.25	17		6.5	6	Veteran	Average	Poor	Veteran amenity planting Leans heavily to the west appears to have previously lost a co-dominant stem at c. 7m, remnants are decaying *Phaeolus schweinitzii* brackets at c. 3m to the west Animal burrow at the base to the southeast	A23	25.9
195	Deodar Cedar	650	18m	6.5	5.75	7	5.75		1.5	0.5	Early Mature	Average	Indifferent	Established ornamental feature Balanced radial crown Good example of the species High arboricultural quality	A1	7.8
196	Horse Chestnut	910	15m	7.75	6.75	6.75	7.75		3.5	1	Mature	Average	Poor	Established ornamental feature Previously lost a large diameter sub/co-dominant stem to the north Appears to have low vigour Moderate example of the species	B2	10.8
197	Copper Beech	420	15m	7.5	7.75	7.75	5.5		2	1.5	Early Mature	Average	Poor	Established ornamental planting Leans to the north east away from T195 Considered to be of reduced potential due to its proximity to adjacent tree cover	C1	5.1
198	Blue Atlas Cedar	760	15m					7.25	1.5	0.5	Mature	Average	Good	Established ornamental feature Balanced radial canopy and scaffold structure Good example of the species High arboricultural quality	A12	9
199	Yew	570	9m					5.5	1.5	1	Early Mature	Average	Indifferent	Established ornamental feature Structure is typical for the species Balanced canopy Leans slightly to the east Moderate example of the species	B1	6.9
201	Deodar Cedar	300#	7.5m					3.75	1	0.5	Early Mature	Average	Indifferent	Unremarkable ornamental planting	C12	3.6
202	Pin Oak	135	7.5m					3.5	1.75	1.5	Semi Mature	Average	Indifferent	Unremarkable ornamental planting	C12	1.5

Tree Number	Common Species Name	Trunk Diameter (mm)	Height (m)	Crown Spread (m)					First Significant Branch (m)	Crown Clearance (m)	Life Stage	Physiological Condition	Structural Condition	Comments	BS5837 Category	RPA Radius (m)
				N	E	S	W	Radial								
203	Blue Atlas Cedar	735	13m					8.5	0.5	1	Mature	Average	Indifferent	Established ornamental feature Structure is typical for the species Forms multiple low sub-dominant stems - typical for the species Moderate arboricultural quality	B2	8.7
204c	Deodar Cedar	220	10m	2.5	2.5	3	2.5		1	0.5	Semi Mature	Average	Indifferent	Ornamental planting Plaque at the base - memorial tree	A3	2.7
205c	Variegated Holly	90	2.5m					1.75	1.5	1.5	Young	Average	Indifferent	Ornamental planting Plaque at the base - memorial tree	A3	1.2
206c	Variegated Holly	100	2.5m					1.75	1.5	1.5	Young	Average	Indifferent	Ornamental planting Plaque at the base - memorial tree	A3	1.2
207c	Variegated Holly	85	2.5m					1.5	1.5	1.5	Young	Average	Indifferent	Ornamental planting Plaque at the base - memorial tree	A3	0.9
208c	Variegated Holly	60	2m					1	1	1	Young	Average	Indifferent	Ornamental planting Plaque at the base - memorial tree	A3	0.9
209	Cherry	350	13m					4.75	1.75	2	Early Mature	Average	Indifferent	Unremarkable ornamental planting	C12	4.2
210	Cherry	230	11.5m	2	4.5	4.5	4.5		2	2	Semi Mature	Average	Indifferent	Unremarkable ornamental planting	C12	2.7
211	Cherry	350	13m	5	5	4	2.5		2	2	Early Mature	Average	Indifferent	Unremarkable ornamental planting	C12	4.2
212	Yew	450 410	9m	4.5	2.75	4.5	5.5		2	2	Early Mature	Average	Indifferent	Unremarkable ornamental planting Cohesive with companion shelter	C12	7.2
213	Yew	330	9m	4.25	2	4.25	2		2	2	Early Mature	Average	Indifferent	Unremarkable ornamental planting Cohesive with companion shelter	C12	3.9
214	Yew	190	8m	5.75	2.5	1.75	2.5		2	2	Semi Mature	Average	Poor	Unremarkable ornamental planting Cohesive with companion shelter	C12	2.4
215	Yew	640	9m	5.75	4.5	4.5	3		2	2	Early Mature	Average	Indifferent	Unremarkable ornamental planting Cohesive with companion shelter	C12	7.8

Tree Number	Common Species Name	Trunk Diameter (mm)	Height (m)	Crown Spread (m)					First Significant Branch (m)	Crown Clearance (m)	Life Stage	Physiological Condition	Structural Condition	Comments	BS5837 Category	RPA Radius (m)
				N	E	S	W	Radial								
216	Holm Oak	360 270	9m	3	4.75	4.75	4.75		2	2	Early Mature	Average	Poor	Unremarkable ornamental planting Cohesive with companion shelter	C12	5.4
217	Holly	250	9m	4.5	4	2	4		2	0	Semi Mature	Average	Poor	Unremarkable ornamental planting Cohesive with companion shelter	C12	3
218	Holly	520	9m	3	4.5	4	2.75		2	0	Mature	Average	Indifferent	Unremarkable ornamental planting Cohesive with companion shelter	C12	6.3
219	Yew	550#	9m	6.75	5.25	7	6.5		1	1	Early Mature	Average	Indifferent	Unremarkable ornamental planting Cohesive with companion shelter	C12	6.6
220	Yew	310	8m	2.5	5.25	6	6		1	1	Early Mature	Average	Indifferent	Unremarkable ornamental planting Cohesive with companion shelter	C12	3.6
221	Cherry Plum	340	7m	5	4.5	3	2.75		2	2	Early Mature	Average	Indifferent	Unremarkable ornamental planting	C12	4.2
222	Variegated Holly	75 80	5.5m					3.5	0.5	0.5	Young	Average	Indifferent	Unremarkable ornamental planting Multi-stemmed from the base	C12	1.2
223	Yew	720	11m	4.5	6	6.75	4.5		2	2	Mature	Average	Indifferent	Established ornamental feature Balanced radial canopy Compacted ground around the base Moderate example of the species	B12	8.7
225	Irish Yew	75	3m					0.5	0.5	0.5	Young	Average	Indifferent		C12	0.9
226	Yew	2*75	3m					2	1	1	Young	Average	Indifferent	Unremarkable ornamental planting	C12	1.2
228	Yew	800	14m	4.75	5.5	5.5	7		2	1	Mature	Average	Indifferent	Established ornamental feature Dense canopy Structure typical for the species Good example of the species	A1	9.6
229	Hybrid Cockspur Thorn	475	11m	6	5	6	4		2	1.75	Mature	Average	Poor	Suppressed to the east and west by companion shelter Poor example of the species	C1	5.7

Tree Number	Common Species Name	Trunk Diameter (mm)	Height (m)	Crown Spread (m)					First Significant Branch (m)	Crown Clearance (m)	Life Stage	Physiological Condition	Structural Condition	Comments	BS5837 Category	RPA Radius (m)
				N	E	S	W	Radial								
230	Yew	720	12m	5.75	7	6.25	3.75		2	1.5	Mature	Average	Indifferent	Cohesive with T231 Structure typical for the species Moderate quality	B2	8.7
231	Yew	690	12m	5	5.5	6.5	6.75		3	1	Mature	Average	Poor	Cohesive with T230 Structure typical for the species Moderate quality	B2	8.4
232	Holly	250#	11m					2.75	2	2	Semi Mature	Average	Indifferent	Cohesive with companion shelter Unremarkable example of the species	C12	3
233	Cherry	455	8m	5.25	5.75	6.25	6.5		2	3	Early Mature	Average	Indifferent	Established ornamental feature Unremarkable example of the species	C12	5.4
234	Holly	280	9.5m					2.75	2	2	Early Mature	Average	Indifferent	Unremarkable ornamental planting Poor union at c. 3m	C12	3.3
235	Lawson Cypress	400#	12m					3.5	1	0	Early Mature	Average	Indifferent	Established ornamental feature Low arboricultural quality	C1	4.8
236	Yew	465	9m					4.75	2	2	Early Mature	Below Average	Indifferent	Canopy appears sparse for the species	C1	5.7
237	Yew	650	10m					5	2	2	Mature	Below Average	Poor	Canopy appears sparse for the species Poor example of the species	C1	7.8
238	Lime	775	16m					5	3	1	Mature	Average	Poor	Established ornamental feature Previously topped, now has a balanced canopy structure Mistletoe within the canopy Moderate arboricultural quality	B2	9.3
239	Lime	855	16m	7	7.5	6.25	6.5		25	1	Mature	Average	Poor	Established ornamental feature Previously topped, now has a balanced canopy structure Mistletoe within the canopy Moderate arboricultural quality	B2	10.2
240	Hornbeam	515	14.5m	6.75	7	5	6.25		2.5	1	Early Mature	Average	Poor	Established ornamental feature Appears to have previously lost its top Unbalanced structure	C1	6.3

Tree Number	Common Species Name	Trunk Diameter (mm)	Height (m)	Crown Spread (m)					First Significant Branch (m)	Crown Clearance (m)	Life Stage	Physiological Condition	Structural Condition	Comments	BS5837 Category	RPA Radius (m)
				N	E	S	W	Radial								
241	Elm	165	7m	2	3	3.75	4		1	1	Semi Mature	Average	Poor	Suppressed by adjacent companions Unremarkable Low arboricultural quality	C12	2.1
242	White Poplar	340	10m	3.75	4.25	3.5	3.25		2	3	Early Mature	Average	Poor	Unremarkable ornamental planting Previously unsympathetically pruned	C12	4.2
243	White Poplar	305	9.5m	3.5	4	3	2.25		2.5	3	Early Mature	Average	Poor	Unremarkable ornamental planting Previously unsympathetically pruned	C12	3.6
244	White Poplar	225	8m					2.5	2.5	2	Semi Mature	Average	Poor	Unremarkable ornamental planting Previously unsympathetically pruned	C12	2.7
245	English Oak	80	4.5m					2.25	1	1	Young	Average	Indifferent	Unremarkable ornamental planting Readily replaced	C12	0.9
246	English Oak	75	2.5m					1.5	0.5	0.5	Young	Average	Indifferent	Unremarkable ornamental planting Readily replaced	C12	0.9
247	English Oak	75	4.5m					1.75	1	1	Young	Average	Indifferent	Unremarkable ornamental planting Readily replaced	C12	0.9
248	Horse Chestnut	75	5m					2	1	1	Young	Average	Indifferent	Unremarkable ornamental planting Readily replaced	C12	0.9
249	Cedar of Lebanon	330	8m					4	0.5	0.5	Early Mature	Average	Indifferent	Establishing ornamental Significant kink in lower trunk Poor example of the species	C12	3.9
250	Norway Maple	360	10m	5.75	4	3.5	4		1.75	1.75	Early Mature	Average	Poor	Establishing ornamental Previously unsympathetically pruned Poor example of the species	C12	4.2
251	Norway Maple	320	10m	4	4.5	3.5	5		2	2	Early Mature	Average	Poor	Establishing ornamental Previously unsympathetically pruned Poor example of the species	C12	3.9
252	Norway Maple	325	10m	4	4.5	4.5	5		2	2	Early Mature	Average	Poor	Establishing ornamental Previously unsympathetically pruned Poor example of the species	C12	3.9

Tree Number	Common Species Name	Trunk Diameter (mm)	Height (m)	Crown Spread (m)					First Significant Branch (m)	Crown Clearance (m)	Life Stage	Physiological Condition	Structural Condition	Comments	BS5837 Category	RPA Radius (m)
				N	E	S	W	Radial								
253	Black Walnut	180	7m					3.5	2	2	Semi Mature	Average	Indifferent	Unremarkable ornamental planting Readily replaced	C12	2.1
254	Norway Maple	285	9m	4	4.5	4.5	4.5		1.75	2	Semi Mature	Average	Indifferent	Unremarkable ornamental planting Bark stripped on the lower scaffold structure Readily replaced	C12	3.3
255	Norway Maple	230	10m					3	1.75	1.75	Semi Mature	Average	Indifferent	Unremarkable ornamental planting Readily replaced	C12	2.7
256	Sweet Chestnut	280	8m	3.5	4.5	4	4		0.5	2.5	Semi Mature	Average	Indifferent	Unremarkable ornamental planting Readily replaced	C12	3.3
257	White Poplar	320	10.5m					3.5	3.5	3.5	Early Mature	Average	Poor	Unremarkable ornamental planting Previously unsympathetically pruned	C12	3.9
258	White Poplar	305	10.5m	0.5	2.5	2.5	2.5		4	4	Early Mature	Average	Poor	Unremarkable ornamental planting Previously unsympathetically pruned	C12	2.4
259	White Poplar	235	10.5m					1.5	6	6	Semi Mature	Average	Poor	Unremarkable ornamental planting Previously unsympathetically pruned	C12	2.7
260	Lime	350	5m					3	1.75	1.75	Early Mature	Average	Poor	Pollarded at c. 3m to 4m Poor example of the species	C12	4.2
261	Lime	310	6m					4	1.75	0.5	Early Mature	Average	Poor	Topped at c. 5m Poor example of the species	C12	3.6
262	Sycamore	630	14m	6	7	6.5	6.5		4	1.5	Mature	Average	Poor	Cladded in Ivy Unbalanced scaffold structure Low quality	C12	7.5
263	Horse Chestnut	240 3*200	11.5m	4.5	3	4	4.5		2	2	Semi Mature	Average	Poor		C12	5.1
264	Ash	170	11m					1.5	3.5	4	Semi Mature	Average	Poor		C12	2.1
265	Horse Chestnut	175	10m					2.5	2	2.5	Semi Mature	Average	Poor		C12	2.1
266	Cherry Plum	370	7m	4	5.5	5	5		2	2	Early Mature	Average	Poor		C12	4.5

Tree Number	Common Species Name	Trunk Diameter (mm)	Height (m)	Crown Spread (m)					First Significant Branch (m)	Crown Clearance (m)	Life Stage	Physiological Condition	Structural Condition	Comments	BS5837 Category	RPA Radius (m)
				N	E	S	W	Radial								
267	Lawson Cypress	2*200	9m					2.5	0.5	0.5	Semi Mature	Average	Indifferent		C12	3.3
268	Variegated Western Red Cedar	500#	12m					4.5	0.5	0.5	Early Mature	Average	Indifferent		C12	6
269	Hybrid Cockspur Thorn	520	9m	4.5	4.5	5.25	6.75		3#	2.5	Mature	Below Average	Poor	In a state of terminal decline, unsuitable for retention	U	N/A
270	Ash	180	11m					3	2	2	Semi Mature	Average	Poor		C12	2.1
271	Cherry	300#	8m					3.5	2	2	Early Mature	Dead	Poor	Standing deadwood Cladded in Ivy	U	N/A
272	Cherry	140#	6m					3	2	2	Semi Mature	Average	Poor		C12	1.8
273	Cherry Plum	2*120	7m	1	1.5	4	1.5		0.5	2	Semi Mature	Average	Poor		C12	2.1
274	Horse Chestnut	240	9m					3	3	3	Semi Mature	Average	Poor		C12	3
275	Hybrid Black Poplar	730	12.5m					1.5	5#	5#	Mature	Below Average	Poor	Standing deadwood Previously topped	U	N/A
276	Whitebeam	415	12m					5.5	2	2	Early Mature	Average	Indifferent		C12	5.1
277	Cherry	290	6m	2.75	8	5	3.75		1	1	Early Mature	Below Average	Poor	Previously unsympathetically pruned Decaying stubs present at old pruning wounds Considered to be of reduced potential	U	N/A
278	Cherry	205 300 250	11m	5.25	6	5.75	6.5		1	1.5	Early Mature	Average	Poor		C12	5.4
279	Western Red Cedar	320#	8.5m					4	0.5	0	Early Mature	Average	Indifferent		C1	3.9
280	Cherry	465	7m	5.5	1	1	5		0	0	Early Mature	Dead	Poor	One living branch remaining on the tree Considered to be in a state of terminal decline	U	N/A

Tree Number	Common Species Name	Trunk Diameter (mm)	Height (m)	Crown Spread (m)					First Significant Branch (m)	Crown Clearance (m)	Life Stage	Physiological Condition	Structural Condition	Comments	BS5837 Category	RPA Radius (m)
				N	E	S	W	Radial								
281	Lawson Cypress	3*150 2*80#	8m					2.5	0.5	0	Semi Mature	Average	Indifferent		C12	3.3
282	Goat Willow	210	7m	6	4.5	4	4.5		0.5	0.5	Semi Mature	Average	Poor	Previously failed at the base Phoenix growth re-established to the north Low quality	U	N/A
283	Goat Willow	420 505	10m	6.5	5	5.5	6		2	1	Early Mature	Average	Indifferent		C12	7.8
284	Silver Birch	65	5m					1.5	1	1	Young	Average	Indifferent		C12	0.9
285	Silver Birch	75	7m					1.5	1	1	Young	Average	Indifferent		C12	0.9
286	Silver Birch	75	7m					1.5	1	1	Young	Average	Indifferent		C12	0.9
287	Lime	120	6m					2.75	1.5	1.5	Young	Average	Indifferent		C12	1.5
288	Lime	130	7m					2	1.5	1	Young	Average	Indifferent		C12	1.5
289	Horse Chestnut	125	6m					2.5	1.5	1.5	Young	Average	Indifferent		C12	1.5
290	Field Maple	80	4.5m					2.5	1	1	Young	Average	Indifferent		C12	0.9
291	Field Maple	120	5.5m					3.25	1	1	Young	Average	Indifferent		C12	1.5
292	Lime	120	4.5m					2.75	1	1	Young	Average	Indifferent		C12	1.5
293	Horse Chestnut	75	4.5m					1.5	1	1	Young	Average	Indifferent		C12	0.9
294	Field Maple	80	4.5m					2.5	1	1	Young	Average	Indifferent		C12	0.9
295	Field Maple	80	4m					2.5	1	1	Young	Average	Indifferent		C12	0.9
296	Lime	80	4m					1.75	1	1	Young	Average	Indifferent		C12	0.9
297	Ash	75	5.5m					1.5	1.5	1	Young	Average	Indifferent		C12	0.9

Tree Number	Common Species Name	Trunk Diameter (mm)	Height (m)	Crown Spread (m)					First Significant Branch (m)	Crown Clearance (m)	Life Stage	Physiological Condition	Structural Condition	Comments	BS5837 Category	RPA Radius (m)
				N	E	S	W	Radial								
298	Horse Chestnut	140	5.5m					1.75	2	2	Semi Mature	Average	Indifferent		C12	1.8
299	Norway Maple 'Crimson King'	160	7m					3	2	2	Semi Mature	Average	Indifferent		C12	1.8
300	Ash	80	5.5m					2	2	2	Young	Average	Indifferent		C12	0.9
301	Ash	90	5m					1.5	2	2	Young	Average	Indifferent		C12	1.2
302	Ash	75	5m					1.25	1.5	1.5	Young	Average	Indifferent		C12	0.9
303	Ash	80	5m					2	1.75	1.75	Young	Average	Indifferent		C12	0.9
304	Goat Willow	280 330	6m					5.5	1	0	Early Mature	Average	Poor	Torn-out/split co-dominant stem to the north Considered to be of reduced potential	U	N/A
305	Whitebeam	340	6.5m	5.5	4.5	5	4		2	2	Early Mature	Average	Indifferent		C12	4.2
306	Hybrid Cockspur Thorn	170 300	7m	4.5	6	4	3.5		1	1	Early Mature	Dead	Poor	Standing deadwood	U	N/A
307	Whitebeam	390	8.5m	5	6	6	5		2	2	Early Mature	Average	Indifferent	Established ornamental feature Structure typical for the species Moderate arboricultural quality	B1	4.8
308	Lawson Cypress	300#	9m					3	0.5	0	Early Mature	Average	Indifferent		C1	3.6
309	Variegated Western Red Cedar	400#	9m					5	0.5	0	Early Mature	Average	Indifferent	Established ornamental feature Structure typical for the species Moderate arboricultural quality	B1	4.8
310	Whitebeam	320	8m					5	2	2	Early Mature	Below Average	Poor		C1	3.9
312	Whitebeam	315	10m	3.5	5.5	4	4.5		2	2	Early Mature	Below Average	Poor		C12	3.9
313	Hybrid Black Poplar	700 400	7m					1	0	0	Mature	Dead	Poor	Standing deadwood *Ganoderma* at the base Cladded in Ivy	U	N/A

Tree Number	Common Species Name	Trunk Diameter (mm)	Height (m)	Crown Spread (m)					First Significant Branch (m)	Crown Clearance (m)	Life Stage	Physiological Condition	Structural Condition	Comments	BS5837 Category	RPA Radius (m)
				N	E	S	W	Radial								
314	Cherry	160	7m	4.5	1.5	3.5	5		2	1	Semi Mature	Average	Poor		C12	1.8
315	Alder	85	6.5m					2	1	1	Young	Average	Indifferent		C12	0.9
316	Lawson Cypress	420#	10m					3.5	0.5	0	Early Mature	Average	Indifferent	Established ornamental feature Structure typical for the species Moderate arboricultural quality	B2	5.1
319	Lawson Cypress	290#	10m					3.5	0.5	0	Semi Mature	Average	Poor		C12	3.6
320	Hybrid Cockspur Thorn	475	9m	6.5	4.5	6.5	7		2	1	Mature	Average	Indifferent	Established ornamental feature Structure typical for the species Partially cohesive with T319 to the east Moderate arboricultural quality	B1	5.7
321	Silver Birch	415	12m	4	5.25	3.25	4.75		2	3	Early Mature	Below Average	Poor	Suppressed by adjacent, larger companions pockets of decay on the mid trunk Decaying stubs present at old pruning wounds Appears to be in a state of decline	U	N/A
323	Cherry	310	9.5m	6	5.5	5	4.5		1.5	1.75	Early Mature	Average	Indifferent		C12	3.6
324	Lime	75	6m					2.5	1	1	Young	Average	Indifferent		C12	0.9
326	Lime	110	6m					2.5	1	1	Young	Average	Indifferent		C12	1.2
327	Lime	140	6m					2.5	1	1	Young	Average	Indifferent		C12	1.8
328	Cherry	540	9m	6	5.5	6	5		2	2	Mature	Below Average	Indifferent		C1	6.6
329	Purple Plum	190	6.5m					3	0.5	0.5	Semi Mature	Average	Indifferent		C12	2.4
330	Rowan	190	7m	2	3	2.5	0.5		2	2	Semi Mature	Below Average	Poor	Suppressed by adjacent companions Appears to be in a state of decline Sparse canopy and dieback Poor example of the species	U	N/A
331	Hybrid Cockspur Thorn	500	9m	6.5	8	6.5	5.5		2	1	Mature	Average	Indifferent	Established ornamental feature Mistletoe present within the canopy Moderate example of the species	B1	6

Tree Number	Common Species Name	Trunk Diameter (mm)	Height (m)	Crown Spread (m)					First Significant Branch (m)	Crown Clearance (m)	Life Stage	Physiological Condition	Structural Condition	Comments	BS5837 Category	RPA Radius (m)
				N	E	S	W	Radial								
332	Lawson Cypress	400	10.5m					2.75	0.5	0	Early Mature	Average	Indifferent	Establishing ornamental planting Structure appears typical for the species Moderate arboricultural quality	B1	4.8
333	Hybrid Cockspur Thorn	480	9m	6	7	6	6		2	1.5	Mature	Average	Indifferent	Established ornamental feature Mistletoe present within the canopy Moderate example of the species	B1	5.7
334	Variegated Western Red Cedar	650#	11m					5	0.5	0	Mature	Average	Indifferent	Establishing ornamental planting Structure appears typical for the species Moderate arboricultural quality	B1	7.8
335	Purple Plum	160	6.5m	2	1.5	3	3		1.5	1.5	Semi Mature	Average	Poor		C12	1.8
336	Cherry	430	7m	3	4	6	5.5		2	2	Early Mature	Below Average	Poor	Grafted Cherry Canopy appears sparse Poor example of the species Appears to be in a state of decline	U	N/A
337	Whitebeam	385	8m	4.5	5.5	6	5.5		2	2	Early Mature	Average	Poor		C12	4.5
338	Whitebeam	360	8m	5	5	6.5	5.5		2	2	Early Mature	Below Average	Poor	In a state of terminal decline, unsuitable for retention	U	4.2
341	Hybrid Black Poplar	650	8m								Early Mature	Dead	Hazardous	Standing deadwood Cladded in Ivy	U	N/A
342	Cherry	345	8m	7	5.5	5	4.5		0.5	2	Early Mature	Below Average	Poor		C12	4.2
343	Whitebeam	390	11.5m	6	4.5	5	5.5		2	3	Early Mature	Average	Indifferent		C1	4.8
344	Horse Chestnut	240	8.5m	6	4.5	2	5		2.5	1.5	Semi Mature	Average	Indifferent		C12	3
345	Cherry	440	7m	2.5	4	6	1.5		2	2	Early Mature	Below Average	Poor	Sparse canopy Damaged scaffold structure from neighbouring failure Considered to be of reduced potential	U	N/A
346	English Oak	235	10m	4.5	4	4.5	2.5		2	2	Semi Mature	Average	Indifferent		C12	2.7
347	Norway Maple	290	10m	5	4.5	4.5	5.5		2	2	Semi Mature	Average	Indifferent		C12	3.6
348	English Oak	300	10m	7	5.5	4.5	4		2	2	Semi Mature	Average	Indifferent		C12	3.6

Tree Number	Common Species Name	Trunk Diameter (mm)	Height (m)	Crown Spread (m)					First Significant Branch (m)	Crown Clearance (m)	Life Stage	Physiological Condition	Structural Condition	Comments	BS5837 Category	RPA Radius (m)
				N	E	S	W	Radial								
349	Variegated Western Red Cedar	500#	11.5m					6	0.5	0	Early Mature	Average	Indifferent	Established ornamental feature Structure typical for the species Moderate example of the species	B1	6
350	Whitebeam	445	11m	5.5	5.5	6	5		2	2	Early Mature	Average	Poor	Suppressing better quality specimen	U	N/A
351	Variegated Western Red Cedar	320#	10m					5.5	0.5	0	Early Mature	Below Average	Indifferent	Dieback to single leader, appears to be entering a state of decline Recommend removal	U	3.9
352	Rowan	560	9.5m	5	5	5.5	6.5		1	1.5	Mature	Average	Poor		C1	6.6
353	Oriental Sweet Gum	520	12m	7	6.5	7	7		3	1	Early Mature	Average	Indifferent	Unusual species Partially cohesive with T354 Structure appears typical for the species Balanced scaffold structure and canopy High arboricultural quality	A1	6.3
354	Oriental Sweet Gum	435	12m	5.5	6	7.5	6.5		2	1.5	Early Mature	Average	Indifferent	Unusual species Partially cohesive with T353 Structure appears typical for the species Balanced scaffold structure and canopy High arboricultural quality	A1	5.1
355	Cherry Plum	190	7m					3	1	1	Semi Mature	Average	Indifferent		C12	2.4
356	English Oak	710	17m					7	1	0.5	Mature	Average	Indifferent	Established ornamental feature Dominant feature on the northern boundary Forks low and forms multiple leaders North western canopy is partially cohesive with companion shelter	B12	8.4
357	Lawson Cypress	560	14m					4	0.5	0	Early Mature	Average	Poor		C1	6.6
358	Hybrid Cockspur Thorn	450	10m	5.5	4	6.5	3.5		1.75	1	Early Mature	Below Average	Poor	In a state of terminal decline, unsuitable for retention	U	N/A
359	Cherry	310	10m	4.5	5	4	4.5		2	1.5	Early Mature	Average	Poor	Failed sub-dominant stem to the south west Suppressed by adjacent companions low quality	U	N/A

Tree Number	Common Species Name	Trunk Diameter (mm)	Height (m)	Crown Spread (m)					First Significant Branch (m)	Crown Clearance (m)	Life Stage	Physiological Condition	Structural Condition	Comments	BS5837 Category	RPA Radius (m)
				N	E	S	W	Radial								
360	Lawson Cypress	350#	11m					3	0.5	0	Early Mature	Average	Indifferent		C1	4.2
362	Hybrid Black Poplar	590	5m					2.5	5	5	Early Mature	Dead	Poor	C.5m standing deadwood	U	N/A
363	Silver Birch	285	11m	3.5	3.5	2.5	4		2.5	2	Semi Mature	Average	Indifferent		C12	3.3
364	Hybrid Cockspur Thorn	450	9m	5.5	5	7	4.5		2	1	Early Mature	Average	Poor		C1	5.4
365	Lawson Cypress	400#	12m					3#	0.5	1	Early Mature	Average	Indifferent	Established ornamental Established sub-dominant at the base to the east Moderate example of the species	B1	4.8
366	Balsam Poplar	200	10m					3	1	1	Semi Mature	Average	Poor	Kink and bulge in the lower trunk Considered to be of particularly poor form and therefore to be of reduced potential	U	N/A
367	Cherry	305	6m					3.5	2	2	Early Mature	Average	Indifferent		C12	3.6
368	English Oak	190	8m	3	3.5	3.5	3		2	1.5	Semi Mature	Average	Indifferent		C12	2.4
369	Lawson Cypress	650	10m					3.5	0.5	0	Early Mature	Average	Indifferent	Established ornamental feature Structure typical for the species Moderate arboricultural quality	B1	7.8
370	Rowan	270	7m	3.5	3.5	2	4		1.5	2	Semi Mature	Below Average	Poor	Dead central stem Unremarkable ornamental planting	U	N/A
371	Hybrid Cockspur Thorn	500	10m	7	5	6	5.5		2	1	Mature	Average	Indifferent	Established ornamental feature Partially suppressed by adjacent companions Dense canopy Mistletoe established within the canopy Moderate example of the species	B1	6
372	Japanese Red Cedar	240	10m					3.5	1	0.5	Semi Mature	Average	Indifferent		C12	3

Tree Number	Common Species Name	Trunk Diameter (mm)	Height (m)	Crown Spread (m)					First Significant Branch (m)	Crown Clearance (m)	Life Stage	Physiological Condition	Structural Condition	Comments	BS5837 Category	RPA Radius (m)
				N	E	S	W	Radial								
373	Hybrid Cockspur Thorn	525	10m	7.5	6	6.5	7		2	1.5	Mature	Average	Indifferent	Established ornamental feature Partially suppressed by adjacent companions Dense canopy Mistletoe established within the canopy Moderate example of the species	B1	6.3
374	Lawson Cypress	500#	10.5m					3	0.5	0	Early Mature	Average	Indifferent	Established ornamental feature Structure typical for the species Moderate arboricultural quality	B1	6
375	Cherry	355	5m					3	1.75	1.75	Early Mature	Below Average	Poor	Grafted specimen Sparse canopy with dieback Low quality Appears to be in a state of decline	U	N/A
376c	English Oak	270	6m					4.5	1.75	1.5	Semi Mature	Average	Indifferent	Ornamental planting Plaque at the base - memorial tree	A3	3.3
377c	Rowan	100	3.5m					1.5	1.5	1.5	Young	Average	Indifferent	Ornamental planting Plaque at the base - memorial tree	A3	1.2
378c	Purple Norway Maple	100	6m					2	1.75	1.75	Young	Average	Indifferent	Ornamental planting Plaque at the base - memorial tree	A3	1.2
379	English Oak	230	7.5m					2.5	1.5	1.5	Semi Mature	Average	Indifferent		C12	2.7
380	Variegated Western Red Cedar	2*380 250	8m					5	0.5	0	Early Mature	Average	Indifferent	Established ornamental feature Structure typical for the species Moderate example of the species	B1	7.2
381	Oriental Sweet Gum	430	11m	6	2.5	5.5	6.5		2	1	Early Mature	Average	Poor	Unusual species Entire eastern scaffold structure and canopy has failed/torn-out through an included union (remains partially attached) Considered to be of reduced future potential	U	N/A
382	Cherry	315	6.5m	4	3.5	5.5	6		1.75	2	Early Mature	Average	Indifferent		C12	3.9
383	Oriental Sweet Gum	335	12m	4	3.75	3.75	4		2	2	Early Mature	Average	Indifferent	Established ornamental feature Structure typical for the species Typical form for the species - slightly etiolated Suckering around the base Moderate example of the species	B1	3.9

Tree Number	Common Species Name	Trunk Diameter (mm)	Height (m)	Crown Spread (m)					First Significant Branch (m)	Crown Clearance (m)	Life Stage	Physiological Condition	Structural Condition	Comments	BS5837 Category	RPA Radius (m)
				N	E	S	W	Radial								
384	Whitebeam	485	11.5m	6.5	6.5	6.5	6		2	1	Early Mature	Average	Indifferent	Established ornamental feature Structure typical for the species Dead central leader - typical for the species Moderate example of the species	B1	5.7
385	English Oak	165	7m					3	0.5	1	Semi Mature	Average	Indifferent		C12	2.1
386	English Oak	170	8m					3.25	2	1.75	Semi Mature	Average	Indifferent		C12	2.1
387	Whitebeam	410	10m	6.5	5	5.5	5		1.75	1.5	Early Mature	Average	Indifferent		C1	4.8
388	Variegated Western Red Cedar	380	9.5m					5	0.5	0	Early Mature	Average	Indifferent	Established ornamental feature Structure typical for the species A small part of the western canopy is reverting Moderate example of the species	B1	4.5
389	Lawson Cypress	380#	12m					3.5	0.5	0	Early Mature	Average	Indifferent	Established ornamental feature Structure typical for the species Moderate example of the species	B1	4.5
390	Hybrid Cockspur Thorn	370	8m	5	5.5	5.5	5		2	1	Early Mature	Average	Indifferent	Established ornamental feature Mistletoe within the canopy Structure typical for the species Moderate example of the species	B1	4.5
391	Lawson Cypress	300#	10m					2	0.5	0	Early Mature	Average	Indifferent	Established ornamental feature Structure typical for the species Moderate example of the species	B1	3.6
392	Hybrid Cockspur Thorn	380	8m	5.5	6	4.5	5		1.75	1	Early Mature	Average	Indifferent	Established ornamental feature Mistletoe within the canopy Hung-up deadwood within the lower canopy Structure typical for the species Moderate example of the species	B1	4.5
393	Lawson Cypress	300#	11m					3	0.5	0	Early Mature	Average	Indifferent	Established ornamental feature Structure typical for the species Moderate example of the species	B1	3.6
394	Norway Maple 'Crimson King'	75	4.5m					1.5	1.75	1.75	Young	Average	Indifferent		C12	0.9
395	White Willow	100	6m					1.5	1	1	Young	Average	Indifferent		C12	1.2

Tree Number	Common Species Name	Trunk Diameter (mm)	Height (m)	Crown Spread (m)					First Significant Branch (m)	Crown Clearance (m)	Life Stage	Physiological Condition	Structural Condition	Comments	BS5837 Category	RPA Radius (m)
				N	E	S	W	Radial								
396	Indian Horse Chestnut	180	5.5m					2.5	1.75	1.75	Semi Mature	Average	Indifferent		C12	2.1
397	White Willow	4*50	6m					1.75	0.5	0.5	Young	Average	Poor		C12	1.2
398	White Willow	130	6m					2	0.5	1	Young	Average	Indifferent		C12	1.5
399	White Willow	75	6m					1.5	1	1	Young	Average	Indifferent		C12	0.9
400	Horse Chestnut	140	4.5m					2	1	1	Young	Average	Indifferent		C12	1.8
401	White Willow	2*90	6m					1.75	0.5	1	Young	Average	Indifferent		C12	1.5
402	White Willow	110	7m					2	0.5	1	Young	Average	Indifferent		C12	1.2
403	Horse Chestnut	225	7m					2	0.5	2	Semi Mature	Below Average	Poor		C12	2.7
404	Norway Maple 'Crimson King'	175	7m					3	2	2	Semi Mature	Average	Indifferent		C12	2.1
405	Norway Maple 'Crimson King'	270	9m	3	5	4	4		2	2	Semi Mature	Average	Indifferent		C1	3.3
406	Cherry Plum	180	6m					3.5	1.5	1.75	Semi Mature	Average	Indifferent		C12	2.1
407	Norway Maple 'Crimson King'	280	10m	4	3	4.5	5		1	1	Semi Mature	Average	Indifferent		C1	3.3
408	Sycamore	380	12m	5.5	4.5	6	5		2	2	Early Mature	Average	Indifferent		C1	4.5
411	English Oak	200	9m					3	1.5	1	Semi Mature	Average	Indifferent		C12	2.4
412	Cherry	160	6m					2	1.5	1.5	Semi Mature	Below Average	Poor	Dead central leader Impact wound at the base Considered to be of reduced potential	U	N/A
413	English Oak	150	7m					2.75	1	1	Young	Average	Indifferent		C12	1.8

Tree Number	Common Species Name	Trunk Diameter (mm)	Height (m)	Crown Spread (m)					First Significant Branch (m)	Crown Clearance (m)	Life Stage	Physiological Condition	Structural Condition	Comments	BS5837 Category	RPA Radius (m)
				N	E	S	W	Radial								
414	Variegated Western Red Cedar	450 200#	10m					5	0.5	0	Early Mature	Average	Indifferent	Established ornamental feature Structure typical for the species Moderate example of the species	B1	6
415	Whitebeam	450	9.5m					5	1.75	1	Early Mature	Average	Indifferent		C1	5.4
416	Hybrid Black Poplar	470	4m					1	3	5	Early Mature	Below Average	Poor	C.4m standing deadwood	U	N/A
417	Whitebeam	350	9.5m	5.5	5	5.5	4.5		1.75	1.5	Early Mature	Average	Poor		C12	4.2
418	Cherry	235	6m	2.5	4.5	3	3.5		1	1	Semi Mature	Below Average	Poor	Dieback within the upper canopy Decay on the lower trunk Poor example of the species Considered to be of reduced potential	U	N/A
420c	Whitebeam	145	6m					3	2	1.75	Young	Average	Indifferent	Ornamental planting Plaque at the base - memorial tree	A3	1.8
421	Variegated Western Red Cedar	2*330#	10m					4.5	0.5	0	Early Mature	Average	Indifferent	Established ornamental feature Structure typical for the species Moderate example of the species	B1	5.7
422	English Oak	185	3.5m					2.5	2	2	Semi Mature	Average	Indifferent		C12	2.1
423	English Oak	365	12m	5	5	4.5	5.5		4	4	Early Mature	Average	Indifferent	Established ornamental feature Balanced radial canopy Moderate arboricultural quality	B1	4.5
424	English Oak	385	9m	5	4	3	3.5		2	3	Early Mature	Average	Poor		C1	4.5
425	Copper Beech	355	9.5m	4.5	5.5	4	5.5		1	1	Early Mature	Average	Indifferent		C1	4.2
426	English Oak	430	14m	7	5	5	7		3	4	Early Mature	Average	Indifferent	Established ornamental feature Balanced radial canopy Epicormic growth established on the scaffold structure Moderate arboricultural quality	B1	5.1
427	Norway Maple 'Crimson King'	180	8.5m	2	3	3	3		1	1.5	Semi Mature	Average	Poor		C12	2.1

Tree Number	Common Species Name	Trunk Diameter (mm)	Height (m)	Crown Spread (m)					First Significant Branch (m)	Crown Clearance (m)	Life Stage	Physiological Condition	Structural Condition	Comments	BS5837 Category	RPA Radius (m)
				N	E	S	W	Radial								
428	Ash	180 210	11m					4	3	3.5	Semi Mature	Average	Poor		C12	3.3
429	English Oak	345	12.5m	2	3	5.5	5		3.5	4	Early Mature	Average	Poor		C1	4.2
430	English Oak	530	15m	7	5	7	6		3	4	Early Mature	Average	Indifferent	Established ornamental feature Epicormic growth established on the scaffold structure Partially cohesive with companions Average deadwood	B2	6.3
431	Copper Beech	370	12m	5	6.5	4.5	6.5		2	2	Early Mature	Average	Poor	Established ornamental feature Partially cohesive with companion shelter Visible from road to the north	B2	4.5
432	English Oak	165	8m					3.5	2	1	Semi Mature	Average	Indifferent		C12	2.1
433	English Oak	210	9m					4.5	2	1	Semi Mature	Average	Indifferent		C12	2.4
434	Red Horse Chestnut	175	6m					2.5	2	1.75	Semi Mature	Average	Poor		C12	2.1
435	Ash	330	12m					5	4	4	Early Mature	Average	Poor		C1	3.9
436	Norway Maple 'Crimson King'	310	10m	3.5	4.5	3.5	5		2	2	Early Mature	Average	Indifferent		C1	3.6
437	Ash	345	14m	5	5	5.5	4		3	2	Early Mature	Average	Indifferent	Established ornamental feature Structure typical for the species Partially cohesive with companion shelter Moderate example of the species	B1	4.2
438	Copper Beech	475	16m	5	5.5	5.5	5		3	3	Early Mature	Average	Indifferent	Established ornamental feature Structure typical for the species Maintains a single leader Moderate arboricultural quality	B1	5.7
439	Indian Horse Chestnut	345	9m					5.5	2	2	Early Mature	Below Average	Poor	Significant bark necroses throughout entire stem with bacterial exudation In a state of decline, unlikely to offer a long term future contribution	U	N/A
440	Cherry	300#	5.5m	4	2	4	4		1.75	2	Early Mature	Average	Poor		C12	3.6

Tree Number	Common Species Name	Trunk Diameter (mm)	Height (m)	Crown Spread (m)					First Significant Branch (m)	Crown Clearance (m)	Life Stage	Physiological Condition	Structural Condition	Comments	BS5837 Category	RPA Radius (m)
				N	E	S	W	Radial								
441	Balsam Poplar	235	13m					2.5	4	4	Semi Mature	Below Average	Poor	Dieback and above average minor deadwood Readily replaced	U	N/A
442	Balsam Poplar	180	12m	3	3	2	3		2.5	2	Semi Mature	Average	Indifferent		C12	2.1
443	Copper Beech	305	15m	5	3	6	5.5		2.5	1.5	Early Mature	Average	Indifferent		C1	3.6
444	English Oak	425	11.5m	2	1	4	4		5	4	Early Mature	Average	Poor	Heavily suppressed by T443	B2	5.1
445	English Oak	900	23m	9.5	4	5.5	8.75		8.5	5	Mature	Average	Poor	Hung-up branch within the upper north side of the canopy Established epicormic growth of the scaffold structure Previously crown lifted Upper scaffold structure is damaged on the southern side - 2no. Limbs have torn-out	B2	10.8
446	English Oak	670	23m	8	6	5.5	4.5		6.5	5	Mature	Average	Indifferent	Cladded in Ivy Can appears slightly sparse	B2	8.1
447	English Oak	840	22m	5.5	4	6	5		11	10	Mature	Below Average	Indifferent	Previously crown lifted Canopy appears sparse	B2	10.2
448	English Oak	670	19m	8.5	6	7	8		4	5	Mature	Below Average	Poor	Canopy appears sparse	B2	8.1
449	English Oak	810	23m	5.5	3	7.5	8.5		5	6	Mature	Average	Indifferent	Epicormic growth on the scaffold structure	B2	9.6
450	English Oak	880	22m	6.75	9	5.25	5		5	8	Mature	Average	Indifferent	Above average minor deadwood within the canopy Epicormic growth established on the scaffold structure Large sub-dominant to the south appears to be over-extended	B2	10.5
451	English Oak	1160	23m	8.75	9	8.5	8		3	5	Mature	Average	Poor	Cladded in Ivy Epicormic growth on the scaffold structure Average minor deadwood	B2	13.8
452	English Oak	610	17m	7	6	9.25	6.5		5	5	Mature	Below Average	Poor	Sparse canopy Average minor deadwood Epicormic growth on the scaffold structure	B2	7.2
453	English Oak	680	19m	8	5	7	5.25		7	5	Mature	Average	Indifferent	Canopy appears slight sparse for the species Above average minor deadwood Previously pruned around the CCTV camera	A2	8.1

Tree Number	Common Species Name	Trunk Diameter (mm)	Height (m)	Crown Spread (m)					First Significant Branch (m)	Crown Clearance (m)	Life Stage	Physiological Condition	Structural Condition	Comments	BS5837 Category	RPA Radius (m)
				N	E	S	W	Radial								
454	English Oak	560	20m	6.25	4	7	3.75		7	4	Early Mature	Average	Indifferent	Lower trunk cladded in Ivy	A2	6.6
455	English Oak	685	22m	13	5.75	8	4.75		6	5	Mature	Average	Indifferent	Over-extended lower lateral limbs	A2	8.1
456	English Oak	715	20m	9	7.75	5	3.5		5	2	Mature	Average	Indifferent	Lower trunk cladded in Ivy	A2	8.7
457	English Oak	710	21m	7.75	6.5	7	5.5		4	5	Mature	Average	Indifferent	Average minor deadwood Previous root severance around the base though ditch maintenance	A2	8.4
458	English Oak	485	21m	8.5	1.5	1	1.5		5#	5#	Early Mature	Average	Poor	Suppressed by companion shelter Cladded in Ivy	A2	5.7
459	English Oak	695	22m	6	5	8	9		5	5	Mature	Average	Indifferent	Cladded in Ivy Cohesive with companions Average deadwood	A2	8.4
460	English Oak	925	22m	9.5	3	9	4		8	4	Mature	Average	Indifferent	Average deadwood	A2	11.1
461	English Oak	695	22m	9.5	6	8.75	5		5	4	Mature	Average	Indifferent	Average deadwood	A2	8.4
462	English Oak	765	21m	7.5	7	7.5	4		5	5	Mature	Average	Indifferent	Previously torn-out limb to the south at c. 8m	A2	9.3
463	Ash	445	19m	0.5	6#	11	8		3.5	3	Early Mature	Average	Poor		C12	5.4
464	Sycamore	710	19m					7	5	4	Mature	Average	Poor		C12	8.4
465	Japanese Red Cedar	365	15m					3.75	2	2	Early Mature	Average	Indifferent	Established ornamental feature Structure typical for the species Moderate example of the species	B1	4.5
466	Beech	685	23m	10	7.5	3.5	6.5		5	6	Mature	Average	Poor	Single stem, forking at c. 2.5m at a poorly formed union Canopy is bias to the north west due to suppression by an adjacent companion Crossing branches present within the canopy	B2	8.1
467	Beech	635	24m	4.5	6.5	5	8.5		4	6	Mature	Average	Indifferent	Single stem Etiolated form due to mutual suppression by adjacent companions Internal deadwood	B2	7.5

Tree Number	Common Species Name	Trunk Diameter (mm)	Height (m)	Crown Spread (m)				Radial	First Significant Branch (m)	Crown Clearance (m)	Life Stage	Physiological Condition	Structural Condition	Comments	BS5837 Category	RPA Radius (m)
				N	E	S	W									
468	Beech	810	24m	5	7.5	9	8		5	5	Mature	Average	Poor	Single stem, forking at c. 3m at an unusually wide union, included bark is present and the union is likely to be poor Coo-dominant stem to the north has flattened its southern side	B2	9.6
469	English Oak	705	20m	7#	7#	4	3.75		5	5	Mature	Below Average	Poor	Dieback and above average deadwood within the canopy Epicormic growth on the scaffold structure Appears to be in a state of decline	U	N/A
470	English Oak	620	16m	6	8	2.5	3.5		5	6	Mature	Average	Poor		C12	7.5
471	Hornbeam	175 380	13m	4.5	7#	7.5	4		1.5	4	Early Mature	Below Average	Poor		C1	5.1
472	Sycamore	235 185 405	17m	2	7	3.75	3.5		4	5	Early Mature	Dead	Hazardous	Standing deadwood	U	N/A
473	English Oak	585	20m	5	3.5	7	9		5#	5#	Early Mature	Average	Indifferent	Cohesive with companion shelter Slightly etiolated Average deadwood Moderate arboricultural quality	B2	6.9
474	English Oak	520	21m	3	4.25	6	4.5		8	7	Early Mature	Average	Indifferent	Cohesive with companion shelter Slightly etiolated Average deadwood Moderate arboricultural quality	B2	6.3
475	English Oak	1160	18m	5.75	7#	5	5		4	3	Mature	Average	Indifferent	Balanced structure and canopy Epicormic burring on the lower trunk and scaffold structure Average internal deadwood Moderate example of the species	B12	13.8
476	Ash	595	16m	3.75	7	10	6		2.5	3	Early Mature	Average	Hazardous	Suppressed by adjacent companions Appears to have a sparse canopy for the species and has lost part of its upper northern scaffold structure Significant cavity at the base	U	N/A
477	Lawson Cypress	530	15m	2.5	1.75	3	3		1	0.5	Early Mature	Average	Poor		C12	6.3
478	English Oak	995	20m	8.5	10#	7.5	10		3	2	Mature	Below Average	Indifferent	*T478 & T479* form a cohesive pair of mature English Oak Dieback and minor deadwood at the tips T479 and is cladded in Ivy	B2	12

Tree Number	Common Species Name	Trunk Diameter (mm)	Height (m)	Crown Spread (m)					First Significant Branch (m)	Crown Clearance (m)	Life Stage	Physiological Condition	Structural Condition	Comments	BS5837 Category	RPA Radius (m)
				N	E	S	W	Radial								
479	English Oak	985	19.5m	3.5	10#	10	10.5		4	4	Mature	Below Average	Indifferent	Structures appear typical for the species Epicormic burring on T479 considered to be of moderate quality as a pair	B2	11.7
480	Lawson Cypress	280	11m					3.75	1	0	Semi Mature	Average	Poor		C12	3.3
481	Ash	520 oi	22m	3	5.5	7.5	7		8	9	Early Mature	Average	Poor		C12	6.3
482	Hornbeam	405	12m	6	5	6	7.5		3	2	Early Mature	Average	Poor		C12	4.8
483	English Oak	950	22m	8	8#	7	10		2.5	3	Mature	Average	Indifferent	Established ornamental feature Dominant on the site's boundary Structure appears typical for the species Average deadwood Moderate arboricultural quality	B12	11.4
484	Cherry	260	9m	3.5	1	3	5.5		2	3	Semi Mature	Average	Poor		C12	3
485	Sycamore	765	18m	6	6	4.75	6.5		4	6.5	Mature	Below Average	Hazardous	Significant dieback and deadwood within the canopy Unbalanced scaffold structure Part of the upper scaffold has previously failed Appears to be in a state of terminal decline	U	N/A
486	Lime	4*180 6*160 3*100	10.5m					4.5	0.5	0	Early Mature	Average	Poor		C12	6.6
487	Lime	250	10.5m	4.5	3	4.5	4.5		0.5	1	Semi Mature	Average	Poor		C12	3
488	Ash	435	21m	4.25	2.75	5	6		3.5	2	Early Mature	Average	Poor	Cohesive with companions to the north and east Structure typical for the species Moderate quality with companion shelter Some damaged surface roots are visible	B2	5.1
489	Ash	280	13m					3.5	2	1.75	Semi Mature	Average	Indifferent		C12	3.3
490	Whitebeam	225	9m	3.5	1.5	2.75	4.25		1.5	1.5	Semi Mature	Average	Indifferent		C12	2.7
491	Whitebeam	270	11m	4	3	4.25	4		1.5	1.5	Semi Mature	Average	Indifferent		C12	3.3
492	London Plane	295	13m					5.5	1.5	1	Semi Mature	Average	Indifferent		C12	3.6

Tree Number	Common Species Name	Trunk Diameter (mm)	Height (m)	Crown Spread (m)					First Significant Branch (m)	Crown Clearance (m)	Life Stage	Physiological Condition	Structural Condition	Comments	BS5837 Category	RPA Radius (m)
				N	E	S	W	Radial								
493	Whitebeam	270	9m	3.5	5	4	2.5		0.5	0.5	Semi Mature	Average	Poor	Previously failed at the base and has re-established Considered to be of reduced potential	U	N/A
494	Ash	280	14m					4	2.5	2.5	Semi Mature	Average	Indifferent		C12	3.3
495	Lime	370	11m					5.5	1.5	1	Semi Mature	Average	Indifferent		C12	4.5
496	White Poplar	285	13m	3.5	4.5	4	3		4	5	Semi Mature	Average	Indifferent		C12	3.3
497	White Poplar	280	13m	2	2.5	7.25	4.5		4	4	Semi Mature	Average	Indifferent		C12	3.3
498	Hornbeam	300	10m	5	3	4	3.5		2	2	Semi Mature	Average	Poor		C12	3.6
499	Holly	110	6m					1.5	0.5	0.5	Young	Average	Indifferent		C12	1.2
500	Holly	110	6m					2	0.5	0.5	Young	Average	Indifferent		C12	1.2
501	Holly	110	6m					2	0.5	0.5	Young	Average	Indifferent		C12	1.2
502	Ash	270	13m					3.75	2	2	Semi Mature	Average	Indifferent		C12	3.3
503	Hornbeam	135	9m	2.5	2.5	0	2.5		1	1	Young	Average	Poor		C12	1.5
504	White Poplar	75	7m	1.5	1	2.75	1.5		2	2	Young	Average	Poor		C12	0.9
505	White Poplar	75	7m	1	1	2.25	3.25		2	2	Young	Average	Poor		C12	0.9
506	White Poplar	80	7m					2.5	2	2	Young	Average	Poor		C12	0.9
507	White Poplar	90	7m	3.75	2.5	1.25	2		2	2	Young	Average	Poor		C12	1.2
508	White Poplar	75	3m	2	2	3	3		1.5	1.5	Young	Average	Poor		C12	0.9
509	English Oak	80	6m	1	1	3	3		1.5	1	Young	Average	Indifferent		C12	0.9
510	Lime	325	12m	2.25	4.5	4.5	4.5		1.5	1	Early Mature	Average	Indifferent		C12	3.9

Tree Number	Common Species Name	Trunk Diameter (mm)	Height (m)	Crown Spread (m)				Radial	First Significant Branch (m)	Crown Clearance (m)	Life Stage	Physiological Condition	Structural Condition	Comments	BS5837 Category	RPA Radius (m)
				N	E	S	W									
511	Ash	410	17m	6.5	6.25	5.5	4.25		8.25	7.5	Early Mature	Average	Indifferent	Frontage component of W1 Structure typical for the species within the current context Conferred high value as a component of wider collection only	A2	4.8
512	Ash	360	19m	5	6	5.25	5		9.25	10.5	Early Mature	Below Average	Indifferent	Frontage component of W1 Structure typical for the species within the current context Above average internal deadwood throughout the lower canopy Conferred high value as a component of wider collection only	A2	4.2
513	Beech	400	16m	4.5	5.25	4.75	5.25		3.5	1	Early Mature	Average	Indifferent	Frontage component of W1 Structure typical for the species within the current context Conferred high value as a component of wider collection only	A2	4.8
514	Ash	560 oi	19m	8	8.5	8.25	6.75		5	1.75	Early Mature	Average	Indifferent	Frontage component of W1 Clad and obscured by ivy, therefore unable to thoroughly inspect Structure typical for the species within the current context Conferred high value as a component of wider collection only	A2	6.6
515	Sycamore	500	18m	7.75	5	6.5	6.75		2.5	1.5	Early Mature	Average	Indifferent	Frontage component of W1 Structure typical for the species within the current context Conferred high value as a component of wider collection only	A2	6
516	Ash	450	23m	7.5	9.25	7.75	4.75		9	5.75	Below Average	Average	Indifferent	Frontage component of W1 Structure typical for the species within the current context Above average internal deadwood throughout the lower canopy Conferred high value as a component of wider collection only	A2	5.4
517	Hornbeam	600	20m	8.5	7	6	10		2.75	0.5	Early Mature	Average	Indifferent	Frontage component of W1 Structure typical for the species within the current context Conferred high value as a component of wider collection only	A2	7.2
518	Beech	340	16m	7.5	7.5	6	6.25		3.75	1	Early Mature	Average	Indifferent	Frontage component of W1 Structure typical for the species within the current context Conferred high value as a component of wider collection only	A2	4.2
519	Lime	1005	23m	7	7.5	6.25	7#		5.75	0.5	Mature	Average	Indifferent	Dominant frontage component of W1 Prolific basal epicormic growth extending up lower stem Structure typical for the species within the current context Good example of the species at maturity	A2	12
520	Copper Beech	755	20m	9.25	9.5	8.5	8.75		5	3 to the north	Mature	Average	Indifferent	Frontage component of W3 Structure typical for the species within the current context Good example of the species at maturity	A12	9
521	Scots Pine	415	14m	1.25	5.25	5	4.5		13	7.5#	Early Mature	Average	Indifferent	Frontage component of W3 Structure typical for the species within the current context Conferred high value as a component of wider collection only	A2	5.1

Tree Number	Common Species Name	Trunk Diameter (mm)	Height (m)	Crown Spread (m)					First Significant Branch (m)	Crown Clearance (m)	Life Stage	Physiological Condition	Structural Condition	Comments	BS5837 Category	RPA Radius (m)
				N	E	S	W	Radial								
522	Larch	300	16m	3.5	2.5	3#	2.75		6	9 to the north	Early Mature	Average	Indifferent	Frontage component of W3 Structure typical for the species within the current context Conferred high value as a component of wider collection only	A2	3.6
523	Scots Pine	585	18m	7.5	4.25	4.75	5.25		7.5	2.75 to the north	Early Mature	Average	Indifferent	Frontage component of W3 Structure typical for the species within the current context Conferred high value as a component of wider collection only	A2	6.9
524	Copper Beech	805	20m	8.5	8.5	7.5	9		2.75	3.25 to the north	Mature	Average	Indifferent	Frontage component of W3 Structure typical for the species within the current context Good example of the species at maturity	A12	9.6
525	Goat Willow	250	8m	8.5	1	0.5	8		2.5	1.5 to the north	Early Mature	Below Average	Hazardous	Woodland understory component Partially collapsed and hung up in neighbouring companion Recommend removal	U	N/A
526	Ash	195	15m	5	3.5	3.5	4.75		6.5	6 to the north	Semi Mature	Average	Indifferent	Secondary woodland component Readily replaceable at current size Low arboricultural value	C12	2.4
527	Scots Pine	450 oi	19m	3.25	2.5	3.5	3.5		5	3.25	Early Mature	Average	Indifferent	Frontage component of W3 Structure typical for the species within the current context Conferred high value as a component of wider collection only	A2	5.4
528	Lime	1100#	23.5m	6.5	8.25	6.75	5.25		3.5	1.5	Mature	Average	Indifferent	Frontage component of W3 Stem inaccessible due to prolific basal epicormic growth Structure typical for the species within the current context Good example of the species at maturity	A12	13.2
529	Lime	950#	18m	9	7	7	7		2.5#	1	Mature	Average	Indifferent	Frontage component of W3 Stem inaccessible due to prolific basal epicormic growth Structure typical for the species within the current context Good example of the species at maturity	A12	11.4
530	English Oak	245	10m	6	5	4.75	4.5		1.75	1.5	Semi Mature	Average	Indifferent	Establishing planting outlying woodland edge Unremarkable example of the species	C12	3
531	Sycamore	380 190	13.5m					5.5	4.5	4	Early Mature	Dead	Hazardous	Standing deadwood Hazardous	U	N/A
532	English Oak	120	7m					3	1.25	1.25	Young	Average	Indifferent		C12	1.5
G1	Goat Willow	290 235 380 365 max	12m max					8.25 max	1.5 av	1 to 3	Early Mature	Average	Indifferent		C12	7.8

Tree Number	Common Species Name	Trunk Diameter (mm)	Height (m)	Crown Spread (m) N	E	S	W	Radial	First Significant Branch (m)	Crown Clearance (m)	Life Stage	Physiological Condition	Structural Condition	Comments	BS5837 Category	RPA Radius (m)
G2	Scots Pine Hybrid Black Poplar	140 max	12m max					4 max	0.5 to 1.5	0.5 to 1.5	Semi Mature	Average	Indifferent		C12	1.8
G3	Apple Cherry Pear	400 max 200 av	1.5m to 7m					5 max 3 av	0.5 to 3	0.5 to 3	Young to Early Mature	Below Average to Average	Poor to Indifferent		C12	4.8 max 2.4 av
G4	Lawson Cypress Leyland Cypress	250# max	9m max					3.5 max	0.5 av	0.5 av	Semi Mature	Average	Indifferent		C12	3
G5	Turkey Oak	a. 660 b. 550 c. 910 d. 675 e. 920	18m max					8.75 max	4 av	4 av	Mature	Average	Indifferent	High quality collection of offsite Turkey Oak Prominent feature along the roadside Structures appear typical for the species within the current context High arboricultural quality	A12	a. 7.8 b. 6.6 c. 10.8 d. 8.1 e. 11.1
G6	Laurel Snowy Mespil	6*100 av	3m av					2 max	0.5 av	0.5 av	Semi Mature	Average	Indifferent		C12	3
G7	Yew Laurel Elm Holly	540 max	12m max					7.75 max	1.5 av	1 av	Semi Mature to Mature	Average	Indifferent	Predominately Yew Fronts the edge of the existing car parking area Occasional self set Elm stem within Cohesive canopies Moderate quality as a collection	B2	6.6
G8	Silver Birch Hawthorn Hornbeam Beech English Oak Spindle Guelder Rose Hazel Field Maple Dogwood Cherry	80 max	6m max					2 max	1 av	1 av	Young	Average	Indifferent		C12	0.9
G9	Cherry Field Maple Hawthorn Holly Cherry Plum	140 av	7m max					3 av	0.5 av	0.5 av	Semi Mature	Average	Indifferent		C12	1.8

Tree Number	Common Species Name	Trunk Diameter (mm)	Height (m)	Crown Spread (m)					First Significant Branch (m)	Crown Clearance (m)	Life Stage	Physiological Condition	Structural Condition	Comments	BS5837 Category	RPA Radius (m)
				N	E	S	W	Radial								
G10	Cherry Beech Field Maple Norway Maple Sycamore Horse Chestnut Silver Maple Cherry Plum Lime Blackthorn Hawthorn	130 to 705	14m max					4.75 av	2 av	2 av	Semi Mature to Early Mature	Average	Indifferent	Evenly distributed ornamental plantings on the sites northern boundary Predominately deciduous ornamental specimens Silver Maple specimens have mistletoe established within their canopies Cohesive canopies Structures appear typical for the species Provides a screen from the adjacent residential dwellings further to the north Individually most are of low interest but as a collection form an arboricultural feature of moderate quality	B2	1.5 to 8.4
G11	English Oak Beech Horse Chestnut Hazel Hawthorn Whitebeam Alder Rowan Wild Service Norway Maple Poplar Hornbeam Cherry Plum Lawson Cypress Scots Pine Cherry Holly Ash	75 to 150	6 av					2 av	1 av	1 av	Young to Semi Mature	Average	Indifferent		C12	0.9 to 1.8
G12	Laurel Sycamore Elm Ash	4*160# av	6 av					4 av	0.5 av	0	Semi Mature to Early Mature	Average	Indifferent		C12	3.9
G13	Laurel Rhododendron Sycamore Ash Cherry Holly English Oak	300# av	10m av					5# av	1 av	0.5 av	Young to Early Mature	Average	Indifferent		C12	3.6
G14	English Oak Ash Beech Sycamore Hornbeam	300 max 100 av	17m max					7.5 max	2.5 av	5 av	Semi Mature to Early Mature	Average	Indifferent		C12	3.6 max 1.2 av

Tree Number	Common Species Name	Trunk Diameter (mm)	Height (m)	Crown Spread (m) N	E	S	W	Radial	First Significant Branch (m)	Crown Clearance (m)	Life Stage	Physiological Condition	Structural Condition	Comments	BS5837 Category	RPA Radius (m)
G15	Cherry Lilac Japanese Maple Ceanothus Elaeagnus	2*90 2* 70 max	3.5 max					2.5 max	0.25 to 1	0.5 av	Young to Semi Mature	Average	Average		C12	1.8
G16	Beech Ash	670 max 330 av	20 av					10.75 max 8 av	2 to 10	0.5 to 10	Early Mature	Average	Poor to Indifferent	Small mutually suppressed and cohesive group All components have unbalanced forms reliant on companion shelter Average small diameter internal deadwood throughout the crown Structures appear typical for the species within the current context Conferred moderate value as a collective only	B2	8.1 max 3.9 av
G17	Cherry Laurel Lilac Hazel Japanese Maple Berberis Cotoneaster Quince Cabbage Palm Magnolia	75 av	2 av					1.5 av	0.25 av	0.25 av	Semi Mature	Average	Average	Parcels of ornamental plantings Readily replaceable at current size Low arboricultural value	C12	0.9
H1	Elm Hawthorn Laurel Holly	80 max	3.5m max					1.5 av	0.5 av	0.5 av	Semi Mature	Average	Indifferent		C12	0.9
H1a	Hawthorn	75 max	2m max					0.5 av	0.5 av	0.5 av	Young	Average	Indifferent		C12	0.9
H2	Hawthorn Sessile Oak	100 max	2m max					1 av	0.5 av	0.5 av	Semi Mature	Average	Indifferent		C12	1.2
H3	Hawthorn Buddleia	80 max	4m max					2.5 max	0.5 av	0.5 av	Semi Mature	Average	Indifferent		C12	0.9
H4	Leyland Cypress Laurel Holly Yew	200# max 110 av	2m to 6m					4 max 1 av	0.5 av	0.5 av	Young to Semi Mature	Below Average to Average	Indifferent		C12	2.4 max 1.2 av
H5	Laurel	100 av	3m av					1.5 av	0.5 av	0.5 av	Semi Mature	Average	Indifferent		C12	1.2
H6	Laurel	75 av	1.5m av					1 av	0.5 av	0.5 av	Semi Mature	Average	Indifferent		C12	0.9

Tree Number	Common Species Name	Trunk Diameter (mm)	Height (m)	Crown Spread (m) N	E	S	W	Radial	First Significant Branch (m)	Crown Clearance (m)	Life Stage	Physiological Condition	Structural Condition	Comments	BS5837 Category	RPA Radius (m)
H7	Laurel Hawthorn Holly	100 max	2m av					1.5 av	0.5 av	0.5 av	Semi Mature	Average	Indifferent		C12	1.2
H8	Hawthorn Elm	90 av	2m av					1 av	0.5 av	0.5 av	Semi Mature	Average	Indifferent		C12	1.2
H9	Leyland Cypress	90 av	2.5 av					1 av	0.5 av	0.5 av	Young	Average	Indifferent		C12	1.2
H10	Western Red Cedar	80 av	2.5 av					0.5 av	0.25 av	0.25 av	Young	Average	Indifferent	Maintained ornamental planted hedgerow	C12	0.9
H11	Laurel	75# av	2 av					1 av	0.25 av	0.25 av	Semi Mature	Average	Indifferent	Maintained ornamental planted hedgerow Defines northern frontage of W3	C12	0.9
W1	Beech Ash English Oak Yew Lawson Cypress Lime Scots Pine Silver Birch Red Oak Norway Spruce Western Red Cedar	825 max 350 av	22 max 18 av					7.25 max 5 av	4 av	3 av	Semi Mature to Mature	Average	Indifferent	Area of deciduous woodland Predominately comprised of early mature specimens Structures appear typical for the species Etiolated and cohesive canopies, typical for a woodland setting Individually specimens within the woodland are mostly of limited individual merit Considered to be of high arboricultural quality	A12	9.9 max 4.2 av
W2	English Oak Yew Lime Holly Silver Birch Cedrus sp. Hazel Laurel Norway Spruce Cherry Hornbeam Western Red Cedar	650# av	23 max					7.5 av	2 av	1 av	Semi Mature to Over Mature	Average	Indifferent	Offsite parcel of predominately deciduous woodland Primary components are predominately English Oak with frequent mature Yew specimens and suckering Lime Veteran Cedar located within to the south Dense understory of Laurel fronts to the site boundary Considered to be of high arboricultural quality	A12	7.8

Tree Number	Common Species Name	Trunk Diameter (mm)	Height (m)	Crown Spread (m)					First Significant Branch (m)	Crown Clearance (m)	Life Stage	Physiological Condition	Structural Condition	Comments	BS5837 Category	RPA Radius (m)
				N	E	S	W	Radial								
W3	Beech Sycamore Ash Copper Beech Scots Pine Larch Goat Willow Lime Leyland Cypress Lawson Cypress Wellingtonia English Oak Yew Elm Horse Chestnut Swamp Cypress Atlas Cedar Hawthorn Elder Hybrid Black Poplar Holly Snowy Mespil Cherry Laurel Hazel Oriental Plane Turkey Oak Western Red Cedar Rhododendron	1565 max 400 to 800 av	30 max					12 max 8 av	0.5 to 10	0.5 to 10	Semi Mature to Mature	Average to Below Average	Indifferent to Poor	Small woodland parcel comprised of original parkland trees with secondary planted and regenerative specimens Minimal signs of management Occasional partially collapsed components throughout Structures typical for the species within the current context Considered to be of high arboricultural quality	A12	15 max 4.8 to 9.6 av

APPENDIX B

TREE SURVEY SCHEDULE (11141 TS 01)

11141 TPP 01 Rev H (2/3)

11141 TPP 01 Rev H (3/3)

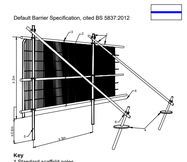
11141 TPP 01 Rev H (1/3)

Secondary Reduced Hedgerow Barrier Specification



Heras panels supported with pinned rubber feet and driven 100x100mm timber posts on every second panel.

Default Barrier Specification, cited BS 5837:2012



Key
1 Standard scaffold poles
2 Heavy gauge 2m tall galvanized tube and welded mesh infill panels
3 Panels secured to uprights and cross-members with wire ties
4 Ground level
5 Uprights driven into the ground until secure (minimum depth 0.6m)
6 Standard scaffold clamps

1:500 @ A1

0m 5m 10m 20m

KEY:

- Site Boundary
- Tree Numbers
- Tree Canopies
- Category 'U' Trees
- Category 'A' RPA
- Category 'B' RPA
- Category 'C' RPA
- Trees to be Removed
- Tree Protection Barrier
- Tree Protection Barrier (2nd Position)
- Manual Excavation
- Above Soil Surfacing
- Hard Surface Replacement
- Hard Surface Removal
- Ground Boarding
- Shading Arc

Note: Trees 11-13, 21, 22, 27-35, 42, 47, 53, 55, 79, 133, 140, 141, 173-186, 193-194, 203-222, 225-227, 230, 232, 234-236, 245-248, 260, 261, 264-277, 315, 324-327, 377, 378, 448, 449, 453, 458, 465, 472-477, 480, 482, 485-532, Groups G11-G17 and parts of Woodlands W1 and W2 are not on the topographical survey and their locations have been approximated using a scaled aerial photograph combined with measurements taken on site.

Note: Location of Traditional Orchard cited from Magic Maps (magic.defra.gov.uk).

DIMENSIC
ALL DIMEN-
DIM
THIS D
ARCHITECTS
DISCLOSE

REVISI
Rev.
A
B
C
D
E
F
G
H
J
K
L
M
N
P
Q
R
S
T
U
V
W
X

Client
BEEC
DEVI

Job :
CAV

Drawi
Site
She

Scale:
1:10

Date:
Feb 2

Drawi
325

PL

The Wr
W
T: 0123

The Mar
T: 0124

info@bhpl



Cited from Google Earth

REV	DATE	NOTE	Drawn	Chk'd

REVISIONS

aspect arboriculture

TITLE
BBC, Caversham Park, Reading
Tree Protection Plan

CLIENT
Beechcroft Developments Ltd

SCALE	DATE	DRAWN
1:500 @ A1	JUN 2023	GW

DRAWING NUMBER	REVISION
11141 TPP 01 Rev H (Overview)	

Based on architects' drawing: 3251.P.101_X

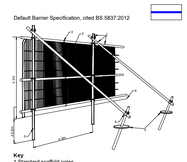
NORTH 0m 50m 100m

Secondary Reduced Hedgerow Barrier Specification



Heras panels supported with pinned rubber feet and driven 100x100mm timber posts on every second panel.

Default Barrier Specification, cited BS 5837:2012



Key
1 Standard scaffold poles
2 Heavy gauge 2m tall galvanized tube and welded mesh infill panels
3 Panels secured to uprights and cross-members with wire ties
4 Ground level
5 Uprights driven into the ground until secure (minimum depth 0.6m)
6 Standard scaffold clamps

1:500 @ A1

0m 5m 10m 20m

KEY:

- Site Boundary
- Tree Numbers
- Tree Canopies
- Category 'U' Trees
- Category 'A' RPA
- Category 'B' RPA
- Category 'C' RPA
- Trees to be Removed
- Tree Protection Barrier
- Tree Protection Barrier (2nd Position)
- Manual Excavation
- Above Soil Surfacing
- Hard Surface Replacement
- Hard Surface Removal
- Ground Boarding
- Shading Arc

Note: Trees 11-13, 21, 22, 27-35, 42, 47, 53, 55, 79, 133, 140, 141, 173-186, 193-194, 203-222, 225-227, 230, 232, 234-236, 245-248, 260, 261, 264-277, 315, 324-327, 377, 378, 448, 449, 453, 458, 465, 472-477, 480, 482, 485-532, Groups G11-G17 and parts of Woodlands W1 and W2 are not on the topographical survey and their locations have been approximated using a scaled aerial photograph combined with measurements taken on site.

Note: Location of Traditional Orchard cited from Magic Maps (magic.defra.gov.uk).



Cited from Google Earth

REV	DATE	NOTE	Drawn	Chk'd

REVISIONS

aspect arboriculture

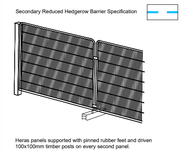
TITLE
BBC, Caversham Park, Reading
Tree Protection Plan

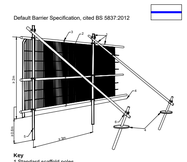
CLIENT
Beechcroft Developments Ltd

SCALE	DATE	DRAWN
1:500 @ A1	JUN 2023	GW

DRAWING NUMBER	REVISION
11141 TPP 01 Rev H (1/3)	

Based on architects' drawing: 3251.P.101_X





1:500 @ A1

0m 5m 10m 20m

KEY:

- Site Boundary
- Tree Numbers
- Tree Canopies
- Category 'U' Trees
- Category 'A' RPA
- Category 'B' RPA
- Category 'C' RPA
- Trees to be Removed
- Tree Protection Barrier
- Tree Protection Barrier (2nd Position)
- Manual Excavation
- Above Soil Surfacing
- Hard Surface Replacement
- Hard Surface Removal
- Ground Boarding
- Shading Arc

Note: Trees 11-13, 21, 22, 27-35, 42, 47, 53, 55, 79, 133, 140, 141, 173-186, 193-194, 203-222, 225-227, 230, 232, 234-236, 245-248, 260, 261, 264-277, 315, 324-327, 377, 378, 448, 449, 453, 458, 465, 472-477, 480, 482, 485-532, Groups G11-G17 and parts of Woodlands W1 and W2 are not on the topographical survey and their locations have been approximated using a scaled aerial photograph combined with measurements taken on site.

Note: Location of Traditional Orchard cited from Magic Maps (magic.defra.gov.uk).



Cited from Google Earth

REV	DATE	NOTE	Drawn	Chk'd

REVISIONS

aspect arboriculture

TITLE
BBC, Caversham Park, Reading
Tree Protection Plan

CLIENT
Beechcroft Developments Ltd

SCALE	DATE	DRAWN
1:500 @ A1	JUN 2023	GW

DRAWING NUMBER
111141 TPP 01 Rev H (2/3)

REVISION

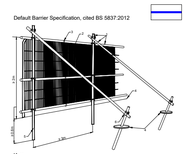
Based on architects' drawing: 3251.P.101_X

Secondary Reduced Hedgerow Barrier Specification



Heras panels supported with pinned rubber feet and driven 100x100mm timber posts on every second panel.

Default Barrier Specification, cited BS 5837:2012



Key
1 Standard scaffold poles
2 Heavy gauge 2m tall galvanized tube and welded mesh infill panels
3 Panels secured to uprights and cross-members with wire ties
4 Ground level
5 Uprights driven into the ground until secure (minimum depth 0.6m)
6 Standard scaffold clamps

1:500 @ A1

0m 5m 10m 20m

KEY:

- Site Boundary
- Tree Numbers
- Tree Canopies
- Category 'U' Trees
- Category 'A' RPA
- Category 'B' RPA
- Category 'C' RPA
- Trees to be Removed
- Tree Protection Barrier
- Tree Protection Barrier (2nd Position)
- Manual Excavation
- Above Soil Surfacing
- Hard Surface Replacement
- Hard Surface Removal
- Ground Boarding
- Shading Arc

Note: Trees 11-13, 21, 22, 27-35, 42, 47, 53, 55, 79, 133, 140, 141, 173-186, 193-194, 203-222, 225-227, 230, 232, 234-236, 245-248, 260, 261, 264-277, 315, 324-327, 377, 378, 448, 449, 453, 458, 465, 472-477, 480, 482, 485-532, Groups G11-G17 and parts of Woodlands W1 and W2 are not on the topographical survey and their locations have been approximated using a scaled aerial photograph combined with measurements taken on site.

Note: Location of Traditional Orchard cited from Magic Maps (magic.defra.gov.uk).



Cited from Google Earth

REV	DATE	NOTE	Drawn	Chk'd

REVISIONS

aspect arboriculture

TITLE
BBC, Caversham Park, Reading
Tree Protection Plan

CLIENT
Beechcroft Developments Ltd

SCALE	DATE	DRAWN
1:500 @ A1	JUN 2023	GW

DRAWING NUMBER	REVISION
11141 TPP 01 Rev H (3/3)	

Based on architects' drawing: 3251.P.101_X

APPENDIX C

TREE PROTECTION PLAN (11141 TPP 01 Rev H)

APPENDIX D

TREE SURVEY METHODOLOGY

Tree Survey Methodology

The tree survey is a form of Visual Tree Assessment undertaken during September 2021. Tree locations are identified via a topographical survey; locations of any trees excluded from the topographical survey were plotted on site. The purpose of the survey is to record information about trees on or adjacent to the site to inform design options. In keeping with clause 4.4 of BS5837: 2012 'Trees in Relation to Design, Construction and Demolition', the survey provides a record of the following parameters:

Tree Numbers: all individual trees are sequentially numbered. Groups of trees, woodlands and hedgerow are also sequentially numbered with a corresponding prefix relevant to their type e.g. G, W or H respectively; the identification of trees as woodland, groups of trees or within hedgerows is undertaken where appropriate. The identification of trees as individuals within collections has been made where it is considered sensible to make such a differentiation.

Species: listed by common name

Stem Diameter: given in millimetres and obtained by measuring single/multiple stems at 1.5m using a diameter tape in accordance with Annex C within BS5837:2012. Diameters of inaccessible trunks are estimated and provided with the suffix '#'.

Tree Heights: determined using a clinometer and measured to the nearest 500mm. Heights are estimated where specific triangulation is not achievable and by reference to measured trees nearby (provided with the suffix '#').

Crown Spreads: measured at cardinal points using a Leica Disto™ laser distance measurer. Measurements were recorded to the nearest 250mm. Inaccessible crown spreads are estimated based on measured canopies nearby and provided with the suffix '#'

Crown Clearance: The height of the first significant living branch and/or canopy (as appropriate) is recorded using a Leica Disto™ laser distance measurer to inform vertical ground clearance. Crown clearance may be higher or lower than the first significant branch. Estimated clearances are provided with the suffix '#'. Height of first significant branch will be provided where considered advantageous to make the distinction.

Life Stage – The age of trees, groups of trees, hedges and woodlands are defined as follows:

- Young (within the first 1/4th of life expectancy)
- Semi-mature (within the second 1/4th of life expectancy)
- Early Mature (within the third 1/4th of life expectancy)
- Mature (within the fourth 1/4th of life expectancy)
- Over Mature and Veteran (exceeding normal life expectancy)
- Veteran (significantly exceeding normal life expectancy)

Physiological and structural condition: physiological condition defined as follows; good, above average, average, below average, poor or dead. Structural condition is defined as: good, moderate, indifferent, poor or hazardous

Comments: further observations were recorded where necessary i.e. details regarding defects, preliminary management recommendations, presence of pest/disease and perceived significance.

BS5837 Category: pursuant to BS5837:2012 section 4.5 and cascade chart for tree quality assessment (refer to reproduced Table 1 overleaf). Trees qualifying under a given category (A-C and U) and any appropriate subheading (1-3) are considered to fall within the scope of that category's definition.

Estimated Remaining Contribution. Described` as a guideline only and in terms of years: <10, 10+, 20+ and 40+ relevant to category U, C, B and A respectively. This information is not provided on the tree schedule to avoid conclusions based upon 'life expectancy'.

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

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

landscape planning • ecology • arboriculture

aspect

Aspect Arboriculture
West Court
Hardwick Business Park
Noral Way
Banbury
Oxfordshire OX16 2AF

T: 01295 276066
F: 01295 265072
E: info@aspect-arbor.com
W: www.aspect-arbor.com