aspect arboriculture

Shinfield Park
Reading

Arboricultural Impact Assessment

February 2025
12218_AIA.001

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Executive Summary

i) **Introduction:** Aspect Arboriculture are commissioned by Wrenbridge to prepare an Arboricultural Survey and Impact Assessment relating to the proposed commercial redevelopment of Shinfield Park, Reading.

ii) **Proposals:** The proposals comprise the redevelopment of site for flexible employment use (Use Class E(g)(ii)-(iii)/B2/B8) together with associated servicing areas, parking, landscaping and other associated works.

iii) **Surveys:** The site was surveyed by Aspect in September 2024, following the guidance contained within BS5837:2012. Copies of the tree survey information are available within appendices A and B.

iv) **Statutory Designations:** Background checks have confirmed that the site soes not fall within a Conservation Area, nor are any trees present on site are afforded protection by a Tree Preservation Order.

v) **Arboricultural Impact:** The arboricultural impact of redeveloping the site has been introduced to Wokingham Borough Council through the iterative pre-application process, which has succeeded in reducing the effect in arboricultural terms.

Removals comprise 41 trees, six groups of trees and the partial removal of one further group and a small section of woodland. The removals have been reduced as far as possible during the iterative process, and their loss can be compensated for with replacement planting. The pressure on the boundary ancient woodland and offsite veteran Oak will be improved through the removal of existing development features and provision of appropriate buffer zones within the proposed setting.

A preliminary tree protection drawing is appended to this document to demonstrate the deliverability of safeguarding measures. Conclusions drawn against Wokingham Borough Council's development control policies conclude that the development proposal is acceptable from the arboricultural perspective.

1 Introduction

1.1 Background & Proposals

1.1.1 Aspect Arboriculture are commissioned by Wrenbridge to prepare an Arboricultural Survey and Impact Assessment relating to the proposed commercial redevelopment of Shinfield Park, Reading.

1.1.2 The proposals comprise the redevelopment of site for flexible employment use (Use Class E(g)(ii)-(iii)/B2/B8) together with associated servicing areas, parking, landscaping and other associated works.

1.2 Site Overview

1.2.1 The application area falls within the administrative control of Wokingham Borough Council, and currently an office complex formerly known as 'Shire Hall' and associated car parking.

1.2.2 The application boundaries are defined by adjacent woodland to the southwest and northwest (of which the area to the northwest is designated Ancient Woodland), whilst the southeastern boundary is delineated by the B3270. To the northeast, neighbouring residential development lies immediately outside the application area boundary.

1.3 Existing Tree Stock

1.3.1 By virtue of the existing and former site usage, the tree cover can be described in terms of two disparate cohorts. The tree cover which predates the current development is focussed on the southwestern and northwestern boundaries. Within the site itself, the tree cover comprises the scheme of soft landscaping, both contemporaneous with the development and subsequent introductions. The contemporaneous nature of the site's tree cover is illustrated within Historic England's photographs of the completed Shire Hall, demonstrating that although established, the internal tree cover is, by its very nature, replaceable (image available at https://historicengland.org.uk/images-books/photos/item/JLP01/09/790409)

1.3.2 Consequently, the site's principal tree cover in arboricultural terms comprises that which pre-dates the existing setting. Of primary importance is the adjacent parcel of Ancient Woodland (Nores Hill) to the site's northwest; accordingly afforded Category A within BS5837:2012 guidance. To maximise the benefit of the redevelopment, all existing development will be removed from within a 15m buffer zone to the woodland; the extent of which has been agreed onsite between Aspect Arboriculture, Aspect Ecology and Wokingham Borough Council.

1.3.3 Set within the woodland to the southeast (outside the Ancient parcel), but of equal importance is an offsite veteran English Oak (T18). Satisfying the tests of Age, Size and Condition as set out within the NPPF, the tree has been afforded with a sacrosanct buffer zone equal to 15x its stem diameter. Also afforded category A is T1, an early

mature English Oak set within the site, in this case attracting category A by virtue of its collective contribution, in conjunction with the adjacent woodland.

1.3.4 Within the contemporaneous tree population, the species composition majors on Ash, with a significant number of London Plane, alongside less frequent English Oak, Field Maple and Silver Maple within the planting palette. Of these, four London Plane (T85-T88) set to the north of Shire Hall warrant Category A on arboricultural grounds and by virtue of their contribution to the site's amenity, whilst a further three Field Maple (T66-T68) have memorial plaques and thus have been afforded a higher category than their arboricultural quality would attract.

1.3.5 Numerous planting within and surrounding Shire Hall are afforded category B by virtue of their established and often cohesive contribution to the site's amenity. Notwithstanding their establishment, by virtue of their deliberate introduction, they are replaceable, and could be compensated for within a well designed scheme of soft landscape provision with medium to long term aspirations.

1.3.6 The site's northeastern boundary is defined by a Lawson Cypress hedge, whilst the southeastern boundary is in part open, and in part colonised by semi-mature to early-mature ornamental plantings.

1.3.7 The remaining trees, groups and hedges are of low arboricultural quality and significance and typically represent unremarkable, less well established examples of their type, warranting category C only within best practice recommendations.

2 Statutory Designations

2.1 Conservation Area

2.1.1 Background checks have confirmed that the site does not occur within a Conservation Area (Wokingham Borough Council, cited February 2025). Accordingly, the amenity value of the trees within the site is not elevated to preserving or enhancing any unique or distinctive interest linked to the setting.

2.2 Tree Preservation Orders

2.2.1 Background checks have also confirmed that there are no trees within influence of the site that are afforded protection by a Tree Preservation Order (Wokingham Borough Council, cited February 2025).

3 Policy Review

3.1 The National Planning Policy Framework

3.1.1 The NPPF (2024) provides planning policy guidance at a National level. With respect to arboriculture, four paragraphs are of particular relevance:

3.1.2 Paragraph 136 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 136, 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 187b).

3.1.4 In respect of Veteran Trees and Ancient Woodland, paragraph 193c 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 is one offsite veteran Oak tree (T18), and an adjacent parcel of Ancient Woodland (Nores Hill) within influence of the application area. Subsequently it is anticipated that the tests of paragraph 193c will be applied in respect to these elements.

3.1.6 In addition, paragraph 193d 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 Wokingham Borough Council

3.2.1 In terms of development control at a local level, Wokingham Borough Council 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 Adopted Core Strategy Development Plan Document (adopted January 2010) the Adopted Managing Development Delivery Local Plan (adopted February 2014) and the Shinfield Parish Neighbourhood Plan (adopted January 2017) are understood to be the Council's

current primary development control documents; from the Core Strategy Policies CP1 and CP3, from the Plan Policies CC03 and TB21 and from Shinfield Parish Neighbourhood Plan Policy 6 set out the Council's tests considered relevant to trees in the context of development (relevant parts reproduced below).

3.2.2 **Policy CP1**: Sustainable Development:

'Planning permission will be granted for development proposals that:

1) Maintain or enhance the high quality of the environment.'

3.2.3 We consider trees to be a reasonable inclusion because they add to the high quality of the site's environment.

3.2.4 **Policy CP3**: General Principles for Development:

'Planning permission will be granted for proposals that:

a) Are of an appropriate scale of activity, mass, layout, built form, height, materials and character to the area together with a high quality of design without detriment to the amenities of adjoining land users including open spaces or occupiers and their quality of life;

c) Have no detrimental impact upon important ecological, heritage, landscape (including river valleys) or geological features or water courses.

d) Maintain or enhance the ability of the site to support fauna and flora including protected species.'

3.2.5 **Policy CC03**: Green Infrastructure, Trees and Landscaping:

'2. Development proposals should demonstrate how they have considered and achieved the following criteria within scheme proposals:

a) Provide new or protect and enhance the Borough's Green Infrastructure networks, including the need to mitigate potential impacts of new development

d) Protect and retain existing trees, hedges and other landscape features

e) Incorporate high quality, ideally, native planting and landscaping as an integral part of the scheme.

3. Development proposals which would result in the loss, fragmentation or isolation of areas of green infrastructure will not be acceptable.'

3.2.6 **Policy TB21:** Landscape Character

'2. Proposals shall retain or enhance the condition, character and features that contribute to the landscape.'

3.2.7 **Policy 6**: Trees, Hedgerows and Woodland

'New build development will be supported where it can be demonstrated that:

1) *Hedgerows which are appropriate for retention, as determined by the assessment of a survey of affected hedgerows to be carried out by the developer, due to their age or ecological value or in order to screen other development or land use, will have a buffer zone of sufficient width to ensure that the value provided by that hedgerow (as determined by the survey) is adequately preserved. Any buffer zone will be measured from the central stem of the hedge and will be comprised, usually on both sides, of soft landscaping that excludes any residential curtilage;*

2) *Habitats of Principal Importance in England (Section 41 Habitats under the Natural Environment and Rural Communities Act (2006)), which are appropriate for retention and which are shown to have significant ecological importance as determined by the assessment of a survey of affected habitats to be carried out by the developer, will have a buffer zone of sufficient width to preserve the ecological value (as determined by the survey). This will be comprised of soft landscaping that excludes any residential curtilage. Where habitats meet the description of a section 41 Habitat type and are being retained but do not currently support significant ecological value, the developer should, where possible, put forward proposed management or other enhancement measures to improve the future ecological value of that habitat;*

3) *Ancient Woodlands, Local Wildlife Sites and ponds which are appropriate for retention, as determined by the assessment of a survey of affected woodlands, wildlife sites or ponds to be carried out by the developer, will have a buffer zone of sufficient width to preserve the ecological value of that feature. For Ancient Woodlands, buffers should normally be of a minimum 15m width in accordance with Natural England's Standing Guidance for Ancient Woodlands, except where surveys identify the need for additional width to address a particular sensitivity, or where an alternative width can be justified under paragraph 118 of the NPPF. The optimal composition of buffers will vary depending on the feature being protected, but for Ancient Woodland will normally include an element of native woodland and scrub planting that grades into other habitats such as tall flower-rich grasslands, which excludes any residential curtilage;*

4) *All buffer zones should consist of appropriate native species and where appropriate should be designed in such a way as to encourage public access and enjoyment of the zone and with appropriate provision for its maintenance.'*

4 Arboricultural Impact

4.1 Pre-Application Engagement

4.1.1 Wokingham Borough Council have been engaged from an early stage of the redevelopment design process; including a site meeting on 25th September 2024, followed by a meeting a Wokingham Council offices on 23rd October and subsequent online meetings to run through design revisions.

4.1.2 The purpose of the initial meeting was to determine the true edge of the adjacent Ancient Woodland; for which MAGiC references are erroneous, including areas of hard surface, ornamental plantings, a smoking shelter and dilapidated garages. Subsequent meetings outlined how the buffer to the Ancient Woodland is proposed to be improved within the redevelopment, and how the arboricultural effect of the redevelopment proposal has been reduced through the iterative design process, as illustrated within figure 1 below:

4.1.3 Figure 1: Reduction in arboricultural effect during Pre-Application Engagement

4.1.4 In summary, the pre-application iterative development process has successfully secured the removal of all development features from within the ancient woodland buffer, other than the existing vehicular access to the northern car park. In addition to securing significant betterment to the ancient woodland, the required tree removals have been reduced from 69no. to 41no. representing a reduction of c.42%. In addition, the additional tree retention has been focussed on trees that provide the greatest contribution to the site's public amenity.

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

[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.

tree will be significantly reduced as a result of the proposals, particularly if already of a low retention priority.

4.2.2 Tree removals necessary to implement the proposed redevelopment are shown at Table 1 below and can be quantified as the removal of fortyone trees, six groups of trees and the partial removal of one further group and a small section of woodland. Importantly, the tree removals associated with the scheme are broadly unchanged from those introduced to the Council during pre-application engagement.

4.2.3 **Table 1:** Net Tree Removals by BS5837 Category.

Category A	Category B	Category C
T87 London Plane	**T2** Horse Chestnut	**T33, T34** Indian Bean Tree
W1+Δ	**T3, T89, T116, T118-T122**	**T35** Cherry
	London Plane	**T42, T51** Ash
	T4, T6, T7, T9 English Oak	**T100** Silver Maple
	T5 Alder	**T132** English Oak
	T8 Turkey Oak	**T139** Goat Willow
	T32, T65, T90-T92	**G1+**
	Silver Maple	**G3+**
	T36, T40, T41, T43-T49, T57,	**G6+**
	T58 Ash	**G8+**
	G10+Δ	**G12+**
	G15+	

+ Denotes collection formed of three or more species; refer to details within Appendix B
Δ Denotes partial removal of a group or collection of trees of hedgerow

4.3 Vulnerable Trees

4.3.1 Thorough consideration has been given as to how the proposed development will interact with the site's retained trees. The extent and type of features proposed are detailed within Table 2 overleaf, but in summary, all are within deliverable limits, subject to the principles outlined below being adhered to.

Supervised Excavation

4.3.2 It will be necessary to undertake excavation within the RPAs of retained trees to both install new hard surfacing and to replace existing retaining walls.

4.3.3 It is unavoidable that both cohorts of features will be located within the RPAs of retained trees, however, the limited extent of excavation is not anticipated to have a detrimental effect on any tree's physiological or structural condition. As a precautionary measure, the excavation works to install the features will be undertaken by hand, following the guidance of clause 7.2 of BS5837:2012. This approach will prevent avoidable root severance.

4.3.4 It is important that any excavation to lay concrete is lined with an impermeable membrane prior to backfilling. This is necessary to prevent concrete leachate from contacting tree roots.

4.3.5 Table 2: Redevelopment Features within RPAs

	Supervised Excavation (m²/%)		CellWeb Construction (m²/%)		Hard Surface Replacement (m²/%)		Hard Surface Converted to Soft (m²/%)	
T37	0.8	1.4%	-	-	-	-	-	-
T38	0.1	< 0.1%	-	-	-	-	-	-
T62	3.0	2.9%	-	-	-	-	-	-
T67	0.6	4.3%	-	-	-	-	-	-
T68	0.1	< 0.1%	-	-	-	-	-	-
T75	12.2	14.9%	-	-	-	-	-	-
T76	4.3	18.8%	-	-	-	-	-	-
T77	0.2	0.4%	-	-	-	-	-	-
T78	0.1	< 0.1%	-	-	-	-	-	-
T85	25.0	15.3%	-	-	-	-	-	-
T101	3.5	4.9%	-	-	-	-	-	-
T105	0.7	1.0%	-	-	-	-	-	-
T113	0.3	0.6%	-	-	-	-	-	-
T114	0.7	1.3%	-	-	1.4	2.5%	-	-
T115	0.8	1.5%	-	-	1.6	2.9%	-	-
T117	4.3	7.8%	-	-	3.6	6.5%	-	-
T125	7.3	6.5%	-	-	11.8	10.4%	-	-
T126	-	-	-	-	0.5	1.0%	-	-
T128	1.7	2.3%	-	-	1.3	1.8%	-	-
T129	0.2	0.3%	-	-	0.8	1.3%	-	-
T131	2.9	3.2%	-	-	8.4	9.2%	-	-
T134	-	-	6.7	10.5%	8.6	13.5%	11.8	18.6%
T135	-	-	-	-	28.9	35.4%	-	-
T136	-	-	-	-	4.8	21.0%	-	-
T137	-	-	1.6	2.5%	22.1	34.7%	-	-
T140	-	-	-	-	-	-	10.8	31.6%
T141	-	-	-	-	-	-	4.5	24.9%
T142	-	-	-	-	-	-	20.8	37.5%
T143	-	-	-	-	-	-	11.7	34.2%

Removal and Replacement of Existing Hard Surface

4.3.6 The redevelopment also requires the removal of existing hard surfacing, both to replace the wearing course, and to convert the areas to soft landscape. Each element is illustrated within the Tree Protection Plan with a red and green wash respectively. Whilst the proportion of theoretical Root Protection Areas influenced by the works are greater than that accommodating new site features, the works can be appropriately managed to preclude a detrimental effect on retained trees.

4.3.7 In both instances, the proposed works include the removal of the existing wearing course; this is to be broken out and lifted sensitively within the RPAs, utilising hand

held breakers. The underlying sub-base is to remain in-situ and undisturbed, because this is likely being utilised by the adjacent tree cover. Dependent on the areas' future use, the retained sub-base will be overlain with replacement wearing course or c.150mm of topsoil respectively.

CellWeb Construction

4.3.8 The redevelopment also includes the introduction of small sections of car parking within the RPAs of T134 and T137. To prevent the severance of a section of RPA, the car parking is to be founded on a CellWeb (or similar cellular confinement system) sub-base. This approach will minimise excavation to that necessary to tie in levels with the adjacent replaced hard surfacing, and will consequently be achievable without anticipating a significant detrimental effect on the affected trees.

4.4 Pruning Works[2]

4.4.1 Similarly, it will be necessary to prune the internal oversailing canopies of six ornamentally planted trees to facilitate the proposed redevelopment. The extent of pruning relates to extended photographic limbs, and is anticipated to amount to:

T7: c.2m reduction of Eastern canopy
T85: c.2.5m reduction of Southwestern canopy
T94: c.2m reduction of Northwestern canopy
T97: c.2m reduction of Northern canopy
T101: c.3m reduction of Northern canopy
T115: c.1m reduction of Northeastern canopy

4.4.2 It is also recommended that dead wood and defective limbs are removed from retained trees where oversailing areas of high future use. Within the retained woodland sections to the south, retention of deadwood where safe is desirable from the ecological standpoint.

4.4.3 Pruning works should be undertaken in accordance with section 7.3 (for removal of deadwood), and section 7.8 (for selective pruning) of BS3998:2010, by a competent tree contractor, to ensure that cuts are performed correctly and positioned to avoid future structural defects or physiological issues, facilitate growth and maintain aesthetic value.

4.5 Protective Barriers

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

[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.

4.5.2 In this instance, the barriers proposed comprise the default specification within BS5837:2012. The alignment of the barriers is denoted with a blue line within the Tree Protection Plan at Appendix C.

4.5.3 It will be necessary to relocate the barriers to allow the installation of the features adjacent to T37 & T38, T62, T66-T68, T75-T78, T85 & T86, T112-T115, T117, T134 and T137. The revised alignment will sit atop the wall, and is illustrated within the Tree Protection Plan with a pink dotted line.

4.6 Compensation Replanting

4.6.1 Although reduced through the iterative design process, the principle of tree removal to facilitate the proposed redevelopment generates a requirement for replacement planting, which has been recognised during design. Accordingly, the layout has been designed to provide opportunities for incorporating new and replacement tree planting throughout the site. The application is accompanied by detailed landscape drawings, prepared by Stantec, which illustrate the proposed approach to realising meaningful landscape provision within the application area.

4.6.2 The strategy includes significant areas of open space, particularly towards the northern boundary. Within these areas, significant large canopy bearing species can be successfully introduced without concern regarding their ultimate size at maturity.

4.6.3 Within the redevelopment itself and associated car park areas, publicly appreciable planting space is unavoidably more constrained, formed of occasional ornamental trees and structural planting within incidental areas of open space. In this situation, the proposed planting is anticipated to comprise domestic scale trees and shrubbery, appropriate for the setting, which can serve to soften the development whilst providing seasonal interest.

5 Conclusions

5.1.1 To facilitate accordance with Wokingham Borough Council's Policy CC03, the proposals have been informed by a survey of the existing tree stock using the guidance provided at BS5837:2012.

5.1.2 The arboricultural effect of the proposed redevelopment is similar to that previously introduced to WBC during pre-application engagement. Removals comprise 41 trees, six groups of trees and the partial removal of on further group and a small section of woodland. The removals have been reduced as far as possible during the iterative process, and their loss can be compensated for with replacement planting. The pressure on the boundary ancient woodland and offsite veteran Oak will be improved through the removal of existing development features and provision of appropriate buffer zones within the proposed setting.

5.1.3 An effective scheme for safeguarding retained trees has been prepared which relies on the use of recognised construction methodologies; this is reinforced by precautionary reliance on arboricultural auditing where construction is proposed within influence of retained trees.

5.1.4 The proposed redevelopment is considered acceptable from the arboricultural perspective, subject to the adoption of safeguards for protecting trees during the works. It is our subsequent judgement that the proposals have been developed in accordance with Wokingham Borough Council's adopted policies and the NPPF.

6 Recommendations

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

6.1.2 The Arboricultural Method Statement should address matters including: specification for tree protection barriers, revisions to barrier locations; a schedule of tree works; works within RPAs; a scheme for auditing tree protection and subsequent reporting to the Council should feature explicitly throughout. Detailed Tree Protection Drawings should be prepared to 1:500 scale to support the AMS, with detail given of proposed levels and service routes.

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APPENDICES

APPENDIX A

TREE CONSTRAINTS PLAN (12218 TCP 01 Rev C)

1:1500 @ A3

0m 10m 20m 50m

KEY:

- Site Boundary
- 15 Tree Numbers
- Tree Canopies
- [8] Category 'U' Trees
- Category 'A' RPA
- Category 'B' RPA
- Category 'C' RPA
- Ancient Woodland
- AWB Ancient Woodland 15m Buffer
- VTB Veteran Buffer

Note: Trees 3, 7, 26, 99-104, 116, 121-124, 127, 132, 138, 139, 144, 145, 153-155, 157, 158, Groups G1-G15, Hedgerow H2 and Woodlands W1 have been plotted using measurements onsite in conjunction with aerial imagery. Their locations were not recorded on the topographical survey of the site.

Note: The RPA footprint for Trees 3, 4, 6, 20-25, 27, 28, 65, 85, 86, 93-95, 97, 100, 101, 105, 107, 111-121 & W1(O, T-X) have been displaced to allow for the effect of the adopted highway, existing building foundations and existing pond. The surface area of the RPA has not been reduced.

REV	DATE	NOTE	Drawn	Chk'd

REVISIONS

aspect arboriculture

TITLE

Shinfield Park, Reading
Tree Constraints Plan

CLIENT

Wrenbridge

SCALE	DATE	DRAWN
1:1500 @ A3	SEP 2024	GW

DRAWING NUMBER	REVISION
12218 TCP 01 Rev C (Overview)	C

Based on: 67797BWLS-01_05.dwg

1:1000 @ A3

0m 10m 20m 40m

KEY:

- Site Boundary
- 15 Tree Numbers
- Tree Canopies
- [8] Category 'U' Trees
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- Category 'B' RPA
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Note: Trees 3, 7, 26, 99-104, 116, 121-124, 127, 132, 138, 139, 144, 145, 153-155, 157, 158, Groups G1-G15, Hedgerow H2 and Woodlands W1 have been plotted using measurements onsite in conjunction with aerial imagery. Their locations were not recorded on the topographical survey of the site.

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TITLE

Shinfield Park, Reading
Tree Constraints Plan

CLIENT

Wrenbridge

SCALE	DATE	DRAWN
1:1000 @ A3	SEP 2024	GW

DRAWING NUMBER	REVISION
12218 TCP 01 Rev C (1/3)	C

Based on: 67797BWLS-01_05.dwg

1:1000 @ A3

0m 10m 20m 40m

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- AWB Ancient Woodland 15m Buffer
- VTB Veteran Buffer

Note: Trees 3, 7, 26, 99-104, 116, 121-124, 127, 132, 138, 139, 144, 145, 153-155, 157, 158, Groups G1-G15, Hedgerow H2 and Woodlands W1 have been plotted using measurements onsite in conjunction with aerial imagery. Their locations were not recorded on the topographical survey of the site.

Note: The RPA footprint for Trees 3, 4, 6, 20-25, 27, 28, 65, 85, 86, 93-95, 97, 100, 101, 105, 107, 111-121 & W1(O, T-X) have been displaced to allow for the effect of the adopted highway, existing building foundations and existing pond. The surface area of the RPA has not been reduced.

REV	DATE	NOTE	Drawn	Chk'd

REVISIONS

aspect arboriculture

TITLE

Shinfield Park, Reading
Tree Constraints Plan

CLIENT

Wrenbridge

SCALE	DATE	DRAWN
1:1000 @ A3	SEP 2024	GW

DRAWING NUMBER	REVISION
12218 TCP 01 Rev C (2/3)	C

Based on: 67797BWLS-01_05.dwg

1:1000 @ A3

0m 10m 20m 40m

KEY:

- Site Boundary
- 15 Tree Numbers
- Tree Canopies
- [8] Category 'U' Trees
- Category 'A' RPA
- Category 'B' RPA
- Category 'C' RPA
- Ancient Woodland
- AWB Ancient Woodland 15m Buffer
- VTB Veteran Buffer

Note: Trees 3, 7, 26, 99-104, 116, 121-124, 127, 132, 138, 139, 144, 145, 153-155, 157, 158, Groups G1-G15, Hedgerow H2 and Woodlands W1 have been plotted using measurements onsite in conjunction with aerial imagery. Their locations were not recorded on the topographical survey of the site.

Note: The RPA footprint for Trees 3, 4, 6, 20-25, 27, 28, 65, 85, 86, 93-95, 97, 100, 101, 105, 107, 111-121 & W1(O, T-X) have been displaced to allow for the effect of the adopted highway, existing building foundations and existing pond. The surface area of the RPA has not been reduced.

REV	DATE	NOTE	Drawn	Chk'd

REVISIONS

aspect arboriculture

TITLE

Shinfield Park, Reading
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CLIENT

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SCALE	DATE	DRAWN
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12218 TCP 01 Rev C (3/3)		C

Based on: 67797BWLS-01_05.dwg

APPENDIX B

TREE SURVEY SCHEDULE (12218 TS 01)

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BS 5837:2012 Tree Schedule: Shinfield Park, Reading

12218 TS 01

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BS5837:2012 Tree Survey: Explanation of Survey Criteria

*Area around tree deemed to contain sufficient roots and rooting volume to maintain the tree's viability, and where the protection of roots and soil structure is a priority. *The RPA has been manipulated to allow for various site features, i.e. roads, structures or changes in levels. Please refer to the Tree Constraints Plan for these changes.*

e.g.: young, semi-mature, early-mature or mature.

Sequential reference number cited on all aspect drawing.

Category prefix A-C denotes arboricultural quality, decreasing from A (high) to C (low); Subcategories 1, 2 and 3 highlight associated arboricultural (1), landscape (2) and ecological (3) qualities.

Height and Crown spread measured to the nearest half meter; # denotes where this is estimated.

Category U trees are those in such a condition that they cannot be realistically retained as living trees in the current context for the long term.

Tree Number	Common Species Name	Trunk Diameter (mm)	Height (m)	Crown Spread (m)					Crown Clearance (m)	Life Stage	Physiological Condition	Structural Condition	Comments	BS5837 Category	RPA Radius (m)
				N	E	S	W	radial							

Measured to the nearest 10mm; # denotes estimated diameter where access is not possible.

e.g.: above-average, average, below average or dead

General observations, i.e. defects, preliminary management recommendation, presence of pests/disease, perceived significance.

Height of first significant branch and/or canopy

e.g.: good, indifferent, poor, or hazardous

Colour band key:

Category A
Category B
Category C
Category U

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	English Oak	720	23	5.25	6	7.75	5.25		6	1.5	Early Mature	Average	Indifferent	Mutually suppressed and cohesive with companion shelter Maintains single leader for majority of height Etiolated form High collective value	A12	8.7
2	Horse Chestnut	530	14	5.5	6.5	5.25	4.25		5	1.5	Early Mature	Average	Indifferent	Maintains single leader for majority of height Previous lower limb removals to crown lift Cavity on northern aspect of trunk c.4.5m Moderate example of species	B12	6.3
3	London Plane	660	18	7	7#	7	6.5		3.5#	2	Early Mature	Average	Poor	Previously managed in height at c.5m Bifurcates from c.3.25m. Union sound	B12	7.8
4	English Oak	660	16	8.25	7.5	9	6#		3.75	3	Early Mature	Below Average	Indifferent	Mutually suppressed and cohesive with companion shelter Maintains single leader for majority of height Above average internal deadwood Short annual extension growth Tip dieback throughout Individually of low significance, conferred moderate value as component of wider collective	B2	7.8
5	Alder	610	20	7#	6	7.75	6		4.25	1	Early Mature	Average	Poor	Mutually suppressed and cohesive with companion shelter Etiolated form Leans south from ground level Individually of low significance, conferred moderate value as component of wider collective	B2	7.2
6	English Oak	750#	17	7	8#	10	6#		5#	5#	Mature	Average	Indifferent	Clad and obscured by Ivy, unable to thoroughly inspect Stem inaccessible due to dense understory Surveyed from distance Previous lower limb removals to crown lift Signs of past management from previous reduction works Moderate example of species Moderate collective value	B12	9
7	English Oak	600#	17	7#	6	9.5	7#		6#	6#	Early Mature	Average	Indifferent	Clad and obscured by ivy, unable to thoroughly inspect Stem inaccessible due to dense understory Previous lower limb removals to crown lift Signs of past management from previous reduction works Surveyed from distance Moderate example of species Moderate collective value	B12	7.2
8	Turkey Oak	600	21	8	9.5	6	8		4	1	Early Mature	Average	Indifferent	Mutually suppressed and cohesive with companion shelter Etiolated form Scaffold biased north Previous lower limb removals to crown lift Signs of past management from previous reduction works Moderate collective value	B2	7.2
9	English Oak	570	18	3.25	9.25	9	8		4	1.5	Early Mature	Average	Indifferent	Maintains single leader for majority of height Mutually suppressed and cohesive with companion shelter Etiolated form Scaffold biased north Previous lower limb removals to crown lift Signs of past management from previous reduction works Moderate collective value	B2	6.9

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)
10	Ash	480	22	9	6.75	3.75	5		4.5	4.5	Early Mature	Average	Indifferent	Previous lower limb removals to crown lift Frontage component Moderate example of species Moderate collective value	B12	5.7
11	English Oak	350	18	2.75	5	2.25	1.5		4.5	6	Early Mature	Average	Indifferent	Previous lower limb removals to crown lift Frontage component Moderate example of species Moderate collective value	B2	4.2
12	English Oak	390	21	3.5	8.5	3.5	3		5	4	Early Mature	Average	Hazardous	Frontage component Scaffold structure biased north Extensive wounding and hollowing on western aspect of trunk from ground level to c.4m Hazardous structural condition, unsuitable for retention	U	N/A
13	Ash	410	22	6.25	5.25	4#	7		3	8#	Early Mature	Average	Indifferent	Frontage component Etiolated form Previous lower limb removals to crown lift Individually of low significance, conferred moderate value as component of wider collective	B2	4.8
14	Ash	400	23	5.75	7.25	8	7#		3.5	8	Early Mature	Average	Indifferent	Frontage component Etiolated form Previous lower limb removals to crown lift Individually of low significance, conferred moderate value as component of wider collective	B2	4.8
15	Ash	820	25	9	7.25	6	8#		4.25	4	Mature	Average	Indifferent	Clad and obscured by ivy, unable to thoroughly inspect Mutually suppressed and cohesive with companion shelter Frontage component Previous lower limb removals to crown lift Signs of past management from previous reduction works Minor cavity on southern aspect of trunk c. 2m and c. 4m Good example of species	A12	9.9
16	Ash	360 260	18	6	8.5	11#	1		4	3	Early Mature	Average	Poor	Clad and obscured by ivy, unable to thoroughly inspect Bifurcates from ground level, union tight Western union significant lean south from c.4m Eastern stem leans southeast from ground level Western stem failed at c.4m, still attached Hazardous structural condition, unsuitable for retention	U	N/A
17	Red Oak	510 oi	21	7	9.5	1.75	6		8#	8#	Early Mature	Average	Poor	Clad and obscured by ivy, unable to thoroughly inspect Maintains single leader for majority of height Etiolated form Leans southeast from ground level Moderate collective value	B2	6
18	English Oak	1310 oi	21	8.25	7.75	10	0.5		6	6#	Veteran	Average	Poor	Clad and obscured by ivy, unable to thoroughly inspect Previous lower limb removals to crown lift Several pockets of decay within old pruning wounds Previously failed stem from c.4m to north, cavity formed within, expect hollowing Forks from c.3.5m, unions tight but appear sound Remaining stems all biased southeast Previously removed stem to west c.3m, cavity within Multiple tear out wounds within lower scaffold structure High collective value Recommend PiCUS investigation to determine extent of dysfunctional wood with full review of category upon results	A123	15

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								
19	Sweet Gum	3*150#	7	4.25	4.25	3.75	4.25		1.5	1.5	Semi Mature	Average	Indifferent	Stem inaccessible due to dense understory Squat crown form Multi stemmed form Unremarkable example of species	C12	3
20	Goat Willow	9*90	8					4	1.5	1.5	Semi Mature	Average	Poor	Multi stemmed from ground level Unremarkable example of species	C12	3.3
21	Alder	5*160	11					5	2.25	1.5	Semi Mature	Average	Poor	Multi stemmed from ground level Unremarkable example of species	C12	4.2
22	Silver Birch	*120 90 110	11					3.5	3	2	Semi Mature	Average	Poor	Multi stemmed from ground level Unremarkable example of species	C12	2.1
23	Silver Birch	160	11					3	2.25	1.75	Semi Mature	Average	Indifferent	Readily replaceable at current size, low arboricultural value	C12	1.8
24	Alder	180 160# 220	11					4	2	1.5	Semi Mature	Average	Poor	Multi stemmed from ground level Unremarkable example of species	C12	3.9
25	Field Maple	130 180 120	6.5					4.25	1.5	1.5	Semi Mature	Average	Poor	Multi stemmed from ground level Unremarkable example of species	C12	3
26	Ash	80	6					1.5	2	2	Young	Dead	Hazardous	Standing deadwood Hazardous structural condition, unsuitable for retention	U	N/A
27	Sycamore	200	9					3	2	1.5	Semi Mature	Average	Indifferent	Maintains single leader for majority of height Unremarkable example of species	C12	2.4
28	Dawn redwood	850 oi	19					8	2.5	1	Mature	Average	Indifferent	Clad and obscured by Ivy, unable to thoroughly inspect	B12	10.2
29	Cherry	300#	15#					3.75	3#	3#	Early Mature	Below Average	Indifferent	Stem inaccessible due to dense understory Sparse crown for species Low arboricultural quality	C12	3.6
30	London Plane	570	18	8.25	6	6.25	7#		3.75	1.25	Early Mature	Average	Indifferent	Previous lower limb removals to crown lift Moderate example of species	B12	6.9
31	Ginkgo	210	9					1.75	2	2	Semi Mature	Below Average	Indifferent	Unremarkable example of species Memorial tree	C12	2.4
32	Silver Maple	420	16	5.75	4	4.25	5		2.5	1	Early Mature	Average	Indifferent	Mutually suppressed and cohesive with companion shelter Previous lower limb removals to crown lift Forks from c.2.5m, unions tight but sound Moderate example of species	B12	5.1
33	Indian Bean Tree	220 230	6.5	5	5.5	4.5	4.5		2	1.25	Early Mature	Average	Indifferent	Mutually suppressed and cohesive with companion shelter Bifurcates from c.0.5m, union sound Unremarkable example of species	C12	3.9
34	Indian Bean Tree	220 250	6.5	4.75	6.25	3.5	5.5		1.25	1.5	Early Mature	Average	Indifferent	Mutually suppressed and cohesive with companion shelter Bifurcates from c.1m, union sound Unremarkable example of species	C12	3.9
35	Cherry	70	2.5					1.75	1.5	1.5	Young	Below Average	Indifferent	Readily replaceable at current size, low arboricultural value	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)
36	Ash	390	17	5	5.25	2.75	6.75		2.25	3	Early Mature	Below Average	Indifferent	Above average internal deadwood Tip dieback throughout Moderate collective value	B2	4.8
37	Ash	340	17	3.5	5	3.5	5.5		3	1	Early Mature	Below Average	Indifferent	Above average internal deadwood Tip dieback throughout Moderate collective value	B2	4.2
38	Ash	300	16	3.5	3.75	4.5	8		1.75	1.75	Early Mature	Below Average	Indifferent	Mutually suppressed and cohesive with companion shelter Above average internal deadwood Tip dieback throughout Moderate collective value	B2	3.6
39	English Oak	740 oi	15					8.75	2#	2	Early Mature	Average	Indifferent	Clad and obscured by ivy, unable to thoroughly inspect Dominant component Maintains single leader for majority of height Minor internal deadwood Slightly sparse crown for species Moderate example of species	B12	9
40	Ash	480	17	6.5	6	4.5	4.5		3	1	Early Mature	Below Average	Indifferent	Mutually suppressed and cohesive with companion shelter Above average internal deadwood Tip dieback throughout Bifurcates from c.3m, union sound Moderate collective value	B2	5.7
41	Ash	360	17	3.75	6	4	5		2	1.5	Early Mature	Below Average	Indifferent	Mutually suppressed and cohesive with companion shelter Above average internal deadwood Tip dieback throughout Bifurcates from c.2m, union sound Moderate collective value	B2	4.2
42	Ash	250	13	4	4.75	2#	5		3.5	3	Early Mature	Below Average	Indifferent	Mutually suppressed and cohesive with companion shelter Above average internal deadwood Tip dieback throughout Sparse crown for species Low arboricultural quality	C12	3
43	Ash	370	18	5.5	6.25	4.5	3.75		2.2	4	Early Mature	Below Average	Indifferent	Mutually suppressed and cohesive with companion shelter Above average internal deadwood Tip dieback throughout Moderate collective value	B2	4.5
44	Ash	370	19	5	6	2.75	3		3	1.25	Early Mature	Below Average	Indifferent	Mutually suppressed and cohesive with companion shelter Above average internal deadwood Tip dieback throughout Bifurcates from c.3m, union sound Moderate collective value	B2	4.5
45	Ash	490	20	6	8.75	3.5	5.5		2	2	Early Mature	Below Average	Indifferent	Mutually suppressed and cohesive with companion shelter Previous lower limb removals to crown lift Above average internal deadwood Tip dieback throughout Moderate collective value	B2	6

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)
46	Ash	400	19	5	6.5	3.25	4.25		2	1.5	Early Mature	Below Average	Indifferent	Mutually suppressed and cohesive with companion shelter Previous lower limb removals to crown lift Above average internal deadwood Tip dieback throughout Moderate collective value	B2	4.8
47	Ash	270	17	3	3.25	3	2.5		4.5	8#	Early Mature	Below Average	Indifferent	Mutually suppressed and cohesive with companion shelter Above average internal deadwood Tip dieback throughout Bifurcates from c.3m, union sound Moderate collective value	B2	3.3
48	Ash	400	17	5#	3	7	6#		4.5	7.5	Early Mature	Average	Indifferent	Mutually suppressed and cohesive with companion shelter Etiolated form Previous lower limb removals to crown lift Bifurcates from c.3m, union tight Individually of low significance, conferred moderate value as component of wider collective	B2	4.8
49	Ash	295	16.5	4#	3.5	3.25	1.75		3	9#	Early Mature	Average	Indifferent	Mutually suppressed and cohesive with companion shelter Etiolated form Previous lower limb removals to crown lift Individually of low significance, conferred moderate value as component of wider collective	B2	3.6
50	Ash	465	14	5.25	5.75	6.25	5		2	1.5	Early Mature	Average	Indifferent	Mutually suppressed and cohesive with companion shelter Etiolated form Previous lower limb removals to crown lift Individually of low significance, conferred moderate value as component of wider collective	B2	5.7
51	Ash	375	17	3	4.25	4.25	4.5		2.5	3	Early Mature	Average	Poor	Mutually suppressed and cohesive with companion shelter Etiolated form Previous lower limb removals to crown lift Previously removed subdominant stem to south c.2.25m, active decay within Reduced future potential	C12	4.5
52	Ash	390	16	1.75	3.5	5	4.75		2	3	Early Mature	Below Average	Indifferent	Mutually suppressed and cohesive with companion shelter Etiolated form Previous lower limb removals to crown lift Above average epicormic growth Extensive tip dieback throughout Reduced future potential	C12	4.8
53	Ash	400	16	4.75	5.25	6.25	6.5		2	3	Early Mature	Average	Indifferent	Mutually suppressed and cohesive with companion shelter Etiolated form Previous lower limb removals to crown lift Individually of low significance, conferred moderate value as component of wider collective	B2	4.8
54	Ash	280	13	2	4.75	4.25	4		1.5	2	Early Mature	Below Average	Indifferent	Mutually suppressed and cohesive with companion shelter Etiolated form Previous lower limb removals to crown lift Scaffold structure biased east Unremarkable example of species	C12	3.3

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)
55	Ash	370	16	4.25	5.25	6.25	5.5		2.75	2.5	Early Mature	Average	Indifferent	Mutually suppressed and cohesive with companion shelter Etiolated form Previous lower limb removals to crown lift Individually of low significance, conferred moderate value as component of wider collective	B2	4.5
56	Ash	385	17	4	4.75	4.5	4.5		2.25	7	Early Mature	Average	Indifferent	Mutually suppressed and cohesive with companion shelter Etiolated form Previous lower limb removals to crown lift Individually of low significance, conferred moderate value as component of wider collective	B2	4.5
57	Ash	380	17	5.5	5.75	2.75	4		3.25	6	Early Mature	Average	Indifferent	Mutually suppressed and cohesive with companion shelter Etiolated form Previous lower limb removals to crown lift Individually of low significance, conferred moderate value as component of wider collective	B2	4.5
58	Ash	545	18	5.75	6	4.75	7.5		2	4	Early Mature	Average	Indifferent	Mutually suppressed and cohesive with companion shelter Etiolated form Previous lower limb removals to crown lift Individually of low significance, conferred moderate value as component of wider collective	B2	6.6
59	Ash	245	12	2.75	3.75	5	3.5		2	4	Early Mature	Below Average	Indifferent	Mutually suppressed and cohesive with companion shelter Etiolated form Sparse crown for species Previous lower limb removals to crown lift Individually of low significance, conferred moderate value as component of wider collective	C12	3
60	Ash	500	16	5.25	5.75	6.25	5.5		2	5	Early Mature	Average	Indifferent	Mutually suppressed and cohesive with companion shelter Etiolated form Previous lower limb removals to crown lift Individually of low significance, conferred moderate value as component of wider collective Slight lean south from ground level	B2	6
61	Ash	520	17	6	5.75	5.75	6		2	3	Early Mature	Average	Indifferent	Mutually suppressed and cohesive with companion shelter Etiolated form Previous lower limb removals to crown lift Individually of low significance, conferred moderate value as component of wider collective	B2	6.3
62	Ash	485	17	5.25	6	4.5	6.75		2	4	Early Mature	Average	Indifferent	Mutually suppressed and cohesive with companion shelter Etiolated form Previous lower limb removals to crown lift Individually of low significance, conferred moderate value as component of wider collective	B2	5.7
63	Ash	305	15	2	2.25	4.75	3.25		3.5	3	Early Mature	Average	Indifferent	Mutually suppressed and cohesive with companion shelter Etiolated form Previous lower limb removals to crown lift Individually of low significance, conferred moderate value as component of wider collective	B2	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								
64	Ash	330	16	3.25	5	3.75	4		3	4	Early Mature	Average	Indifferent	Mutually suppressed and cohesive with companion shelter Etiolated form Previous lower limb removals to crown lift Individually of low significance, conferred moderate value as component of wider collective	B2	3.9
65	Silver Maple	620	18	6.5#	7.75	7.75	7.5		2.25	2	Early Mature	Average	Indifferent	Mutually suppressed and cohesive with companion shelter Etiolated form Forks from c.4m Previous lower limb removals to crown lift Individually of low significance, conferred moderate value as component of wider collective	B12	7.5
66	Field Maple	105	6					3	1.75	1.25	Young	Average	Indifferent	Memorial tree Considered to be of high arboricultural value	A3	1.2
67	Field Maple	170	7					2.75	1.75	1.5	Semi Mature	Average	Indifferent	Memorial tree Considered to be of high arboricultural value	A3	2.1
68	Field Maple	105	7					2.25	2.25	2	Young	Average	Indifferent	Memorial tree Considered to be of high arboricultural value	A3	1.2
69	Ash	430	16	6.25	5.25	2.75	7.25		2.75	1	Early Mature	Average	Indifferent	Mutually suppressed and cohesive with companion shelter Etiolated form Previous lower limb removals to crown lift Individually of low significance, conferred moderate value as component of wider collective	B2	5.1
70	Ash	380	16	1.75	5.25	4.75	4.75		1.75	1.5	Early Mature	Average	Indifferent	Mutually suppressed and cohesive with companion shelter Etiolated form Crown biased to the south Previous lower limb removals to crown lift Individually of low significance, conferred moderate value as component of wider collective	B2	4.5
71	Ash	305	14	2.25	3.75	4.75	4.5		3	3	Early Mature	Average	Indifferent	Mutually suppressed and cohesive with companion shelter Etiolated form Crown biased to the south Previous lower limb removals to crown lift Individually of low significance, conferred moderate value as component of wider collective	B2	3.6
72	Ash	290	14	3.75	1.75	4.5	4		1.5	5	Early Mature	Below Average	Indifferent	Mutually suppressed and cohesive with companion shelter Etiolated form Previous lower limb removals to crown lift Sparse crown for species Dieback to tips Unremarkable example of species	C12	3.6
73	Ash	280	14	3.75	4	4.75	3		3.25	4	Early Mature	Below Average	Indifferent	Mutually suppressed and cohesive with companion shelter Etiolated form Previous lower limb removals to crown lift Sparse crown for species Dieback to tips Unremarkable example of species	C12	3.3

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)
74	Ash	290	14	3.5	5	3.75	3.75		1.5	1	Early Mature	Below Average	Indifferent	Mutually suppressed and cohesive with companion shelter Etiolated form Previous lower limb removals to crown lift Above average internal deadwood Sparse crown for species Dieback to tips Unremarkable example of species	C12	3.6
75	Ash	415	16	6.75	3.5	6	8.25		1.5	1	Early Mature	Average	Indifferent	Mutually suppressed and cohesive with companion shelter Etiolated form Previous lower limb removals to crown lift Individually of low significance, conferred moderate value as component of wider collective	B2	5.1
76	Ash	215	14	4.25	1.5	1	2.25		3.75	4	Early Mature	Below Average	Poor	Mutually suppressed and cohesive with companion shelter Etiolated form Previous lower limb removals to crown lift Scaffold limbs biased north Dieback to tips Low arboricultural quality	C12	2.7
77	Ash	360	17	3.75	2.5	3.75	3		2	6#	Early Mature	Average	Indifferent	Mutually suppressed and cohesive with companion shelter Etiolated form Previous lower limb removals to crown lift Individually of low significance, conferred moderate value as component of wider collective	B2	4.2
78	Ash	310	17	5	2.75	0.75	4.5		2	1.5	Early Mature	Average	Indifferent	Mutually suppressed and cohesive with companion shelter Etiolated form Scaffold limbs biased north Previous lower limb removals to crown lift Individually of low significance, conferred moderate value as component of wider collective	B2	3.6
79	Ash	335	17	4	3.25	5	3.25		2.5	6	Early Mature	Average	Indifferent	Mutually suppressed and cohesive with companion shelter Etiolated form Previous lower limb removals to crown lift Individually of low significance, conferred moderate value as component of wider collective	B2	3.9
80	Ash	365	17	4.5	3.75	2.25	5.5		3.5	2	Early Mature	Average	Indifferent	Mutually suppressed and cohesive with companion shelter Etiolated form Previous lower limb removals to crown lift Individually of low significance, conferred moderate value as component of wider collective	B2	4.5
81	Ash	240	16	4	3.25	4.5	3.25		1.5	4	Early Mature	Average	Indifferent	Mutually suppressed and cohesive with companion shelter Etiolated form Previous lower limb removals to crown lift Individually of low significance, conferred moderate value as component of wider collective	B2	3

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)
82	Ash	305	16	4.75	3.25	5.5	4		2.5	3	Early Mature	Average	Indifferent	Mutually suppressed and cohesive with companion shelter Etiolated form Above average internal deadwood Previous lower limb removals to crown lift Individually of low significance, conferred moderate value as component of wider collective	B2	3.6
83	Ash	255	12	3.5	3.75	2.25	2.25		1.5	2.5	Early Mature	Below Average	Poor	Above average internal deadwood Short annual extension growth Sparse crown for species Dieback to upper crown Entering a state of terminal decline, reduced future potential	U	N/A
84	Ash	475	17	5	5.75	4.5			2	2	Early Mature	Below Average	Indifferent	Mutually suppressed and cohesive with companion shelter Etiolated form Previous lower limb removals to crown lift Bifurcates from c.2m, union sound Dieback to tips Reduced future potential	C12	5.7
85	London Plane	600	17	9	6.75	8.5	8.25		2.25	1.75	Early Mature	Average	Indifferent	Mutually suppressed and cohesive with companion shelter High collective value	A2	7.2
86	London Plane	470	17	8.5	8.25	7	4		2.5	2	Early Mature	Average	Indifferent	Mutually suppressed and cohesive with companion shelter Component of small collection of early mature London Plane High collective value	A2	5.7
87	London Plane	625	17	8.5	6.25	8.5	9.25		2.5	1.5	Early Mature	Average	Indifferent	Mutually suppressed and cohesive with companion shelter Bifurcates at c. 2m, union tight but appears sound. Component of small collection of early mature London Plane High collective value	A2	7.5
88	London Plane	450	13	8.5	7.25	7.5	7		1.75	2	Early Mature	Average	Indifferent	Standalone specimen Maintains single leader for majority of height Well balanced radial crown and scaffold structure Previous lower limb removals to crown lift Good example of species	A1	5.4
89	London Plane	530	12	8.25	7.25	7.25	7.25		4	1.5	Early Mature	Average	Indifferent	Dominant component of collection Previous lower limb removals to crown lift Bifurcates from c.3m Memorial planting, considered to be of high commemorative value only	A3	6.3
90	Silver Maple	260	12	5#	3.75	3	4		2	2.5	Early Mature	Average	Indifferent	Previous lower limb removals to crown lift Mutually suppressed and cohesive with companion shelter Memorial planting, considered to be of high commemorative value only	A3	3
91	Silver Maple	200	8.5					2.5	2	2.5	Semi Mature	Average	Indifferent	Previous lower limb removals to crown lift Mutually suppressed and cohesive with companion shelter Memorial planting, considered to be of high commemorative value only	A3	2.4

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)
92	Silver Maple	280	10	3.75	3.75	3.75	6.5		3.5	4	Early Mature	Average	Indifferent	Previous lower limb removals to crown lift Mutually suppressed and cohesive with companion shelter Memorial planting, considered to be of high commemorative value only	A3	3.3
93	Red Oak	320	11	7	7.25	7	5.5		2	1.75	Early Mature	Below Average	Indifferent	Component of linear collection Mutually suppressed and cohesive with companion shelter Minor tip dieback throughout Slightly sparse crown for species Moderate collective value	B2	3.9
94	Red Oak	400	11	8.5	7	7.5	7.5		1.5	1.5	Early Mature	Average	Indifferent	Component of linear collection Mutually suppressed and cohesive with companion shelter Minor tip dieback throughout Dieback to central leader Slightly sparse crown for species Moderate collective value	B2	4.8
95	Red Oak	380	11	7	6	6.75	5		2.25	2.25	Early Mature	Average	Indifferent	Component of linear collection Mutually suppressed and cohesive with companion shelter Minor tip dieback throughout Slightly sparse crown for species Moderate collective value	B2	4.5
96	Red Oak	380	13	8#	6.75	7.25	4.25		1.75	1.5	Early Mature	Average	Indifferent	Component of linear collection Mutually suppressed and cohesive with companion shelter Minor tip dieback throughout Slightly sparse crown for species Moderate collective value	B2	4.5
97	Red Oak	510	15	9.25	6.5	8.5	6.25		2	2	Early Mature	Average	Indifferent	Component of linear collection Maintains central leader for majority of height Mutually suppressed and cohesive with companion shelter Moderate example of species	B12	6
98	Red Oak	380	14	8#	7.25	7	8		2.75	2.5	Early Mature	Average	Indifferent	Component of linear collection Mutually suppressed and cohesive with companion shelter Lamp post within southern aspect of crown Moderate collective value	B2	4.5
99	Silver Maple	430	14	4	4	6	3.75		2.5	1.75	Early Mature	Average	Indifferent	Component of linear collection Mutually suppressed and cohesive with companion shelter Burring on eastern aspect of bifurcation c.2.5m Moderate collective value	B2	5.1
100	Silver Maple	320 at c.1m	12#	7	4#	3#	3#		1.75	1.75	Early Mature	Average	Indifferent	Component of linear collection Mutually suppressed and cohesive with companion shelter Forks from c.1.5m, union sound Unremarkable example of species	C12	3.9
101	London Plane	400	14#	9.5	5.75	4.5	3.75		1.5	0.75	Early Mature	Average	Indifferent	Component of linear collection Mutually suppressed and cohesive with companion shelter Scaffold structure biased northeast Moderate collective value	B2	4.8

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	London Plane	310	15	0.5	2.5	4.75	2.25		5	6	Early Mature	Average	Indifferent	Component of linear collection Mutually suppressed and cohesive with companion shelter Etiolated form Unremarkable example of species	C12	3.6
103	Silver Maple	260	14#	4.5	4.75	3	3.25		3	1.5	Early Mature	Average	Indifferent	Component of linear collection Mutually suppressed and cohesive with companion shelter Moderate collective value	B2	3
104	London Plane	530 oi	15#	3.5	9.5	9	6		2.75	1	Early Mature	Average	Indifferent	Clad and obscured by ivy, unable to thoroughly inspect Component of linear collection Mutually suppressed and cohesive with companion shelter Moderate collective value	B12	6.3
105	London Plane	400	14#	10.5	3.5	6.5	8#		2	1.5	Early Mature	Average	Indifferent	Component of linear collection Mutually suppressed and cohesive with companion shelter Crown biased north Moderate collective value	B2	4.8
106	London Plane	500 oi	14	5	9.5	10	7		2	1.75	Early Mature	Average	Indifferent	Clad and obscured by ivy, unable to thoroughly inspect Component of linear collection Mutually suppressed and cohesive with companion shelter Crown biased south Moderate collective value	B12	6
107	London Plane	285	13	10	2	3.5	5#		3#	3#	Early Mature	Below Average	Indifferent	Component of linear collection Mutually suppressed and cohesive with companion shelter Etiolated form Above average internal deadwood Previous lower limb removals to crown lift Unremarkable example of species	C12	3.3
108	London Plane	365	15	4.75	5.5	9.25	6		2.5	4	Early Mature	Average	Indifferent	Component of linear collection Mutually suppressed and cohesive with companion shelter Crown biased south Moderate collective value	B2	4.5
109	London Plane	355	15	3.5	5.25	9.25	6.5		2.5	4	Early Mature	Average	Indifferent	Component of linear collection Mutually suppressed and cohesive with companion shelter Moderate collective value	B2	4.2
110	London Plane	425	15	3.5	5.5	8	9.75		2.5	4	Early Mature	Average	Indifferent	Component of linear collection Mutually suppressed and cohesive with companion shelter Moderate collective value	B2	5.1
111	London Plane	330	13	8.5	4#	4	9		3	1.75	Early Mature	Average	Indifferent	Component of linear collection Mutually suppressed and cohesive with companion shelter Crown biased northwest Moderate collective value	B2	3.9
112	London Plane	260	13	7	2.5	6.75	6.5		2.5	1.75	Early Mature	Below Average	Indifferent	Clad and obscured by ivy, unable to thoroughly inspect Component of linear collection Mutually suppressed and cohesive with companion shelter Slightly sparse crown for species Moderate collective value	B2	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								
113	London Plane	325 oi	12	8	4	6.75	7.75		2	1.75	Early Mature	Below Average	Indifferent	Clad and obscured by ivy, unable to thoroughly inspect Component of linear collection Mutually suppressed and cohesive with companion shelter Slightly sparse crown for species Moderate collective value	B2	3.9
114	London Plane	345	13	7	6	7.5	6.75		2.75	1.75	Early Mature	Average	Indifferent	Component of linear collection Mutually suppressed and cohesive with companion shelter Moderate collective value	B12	4.2
115	London Plane	350	13	7	4.25	6	7#		2.25	1.5	Early Mature	Average	Indifferent	Component of linear collection Mutually suppressed and cohesive with companion shelter Moderate collective value	B12	4.2
116	London Plane	435	13	8.25	6.25	7	8#		2.5	1	Early Mature	Average	Indifferent	Component of linear collection Mutually suppressed and cohesive with companion shelter Moderate collective value	B12	5.1
117	London Plane	350	13	8.5	3.5	4.5	7#		2.75	1	Early Mature	Average	Indifferent	Component of linear collection Minor wound on northern aspect of trunk c.1.25m Crown biased west Mutually suppressed and cohesive with companion shelter Moderate collective value	B2	4.2
118	London Plane	310	12	7	7.5	6	8#		2.25	2.75	Early Mature	Average	Indifferent	Component of linear collection Mutually suppressed and cohesive with companion shelter Slightly sparse crown for species Minor tip dieback throughout Crown biased south Moderate collective value	B2	3.6
119	London Plane	350	13	7	7.25	5.25	7#		2	1.5	Early Mature	Average	Indifferent	Component of linear collection Mutually suppressed and cohesive with companion shelter Slightly sparse crown for species Tight primary union Moderate collective value	B2	4.2
120	London Plane	290	11.5	5.75	6.75	5.5	5.5#		2	1	Early Mature	Average	Indifferent	Component of linear collection Mutually suppressed and cohesive with companion shelter Slightly sparse crown for species Moderate collective value	B2	3.6
121	London Plane	270	13	7	7.5	6.25	4.5		2	1.5	Early Mature	Average	Indifferent	Component of linear collection Mutually suppressed and cohesive with companion shelter Slightly sparse crown for species Moderate collective value	B2	3.3
122	London Plane	265 oi	11	4.5	6.5	6.25	4.75		1	1	Early Mature	Average	Indifferent	Clad and obscured by ivy, unable to thoroughly inspect Component of linear collection Mutually suppressed and cohesive with companion shelter Moderate collective value	B2	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								
123	Silver Maple	600 oi	13					9	1	1	Early Mature	Average	Indifferent	Clad and obscured by ivy, unable to thoroughly inspect Component of linear collection Mutually suppressed and cohesive with companion shelter Radial crown measurement base on northern spread due to restricted access Moderate collective value	B2	7.2
124	Plum	2*200# oi	8					4.5	1	1	Early Mature	Average	Indifferent	Clad and obscured by ivy, unable to thoroughly inspect Stem inaccessible due to dense understory Bifurcates from c.0.5m Unremarkable example of species	C12	1.8
125	English Oak	500	13	7.5	6.5	10	8		2.5	1.5	Early Mature	Average	Indifferent	Component of linear collection Mutually suppressed and cohesive with companion shelter Previous lower limb removals to crown lift Slightly sparse upper crown Above average epicormic growth Moderate example of species	B12	6
126	English Oak	330	13	6.25	4.75	5.75	4		3	1.5	Early Mature	Average	Indifferent	Component of linear collection Mutually suppressed and cohesive with companion shelter Previous lower limb removals to crown lift Slightly sparse upper crown Above average epicormic growth Moderate example of species	B12	3.9
127	English Oak	205	11					3	2.5	2.25	Early Mature	Below Average	Poor	Component of linear collection Suppressed by neighbouring companions Etiolated form Previous lower limb removals to crown lift Unremarkable example of species	C12	2.4
128	English Oak	405 oi	12	6.5	3.75	8.75	4.5		1.5	2	Early Mature	Average	Indifferent	Clad and obscured by ivy, unable to thoroughly inspect Component of linear collection Mutually suppressed and cohesive with companion shelter Previous lower limb removals to crown lift Slightly sparse upper crown Above average epicormic growth Crown biased south and north Moderate collective value	B2	4.8
129	English Oak	380 oi	12	6.25	4.75	8.5	4		2	3.5	Early Mature	Average	Indifferent	Clad and obscured by ivy, unable to thoroughly inspect Component of linear collection Mutually suppressed and cohesive with companion shelter Previous lower limb removals to crown lift Slightly sparse upper crown Above average epicormic growth Crown biased south and north Moderate collective value	B2	4.5
130	English Oak	280 oi	12	6.5	2.5	5.75	3		1.75	1.75	Early Mature	Average	Indifferent	Clad and obscured by ivy, unable to thoroughly inspect Component of linear collection Mutually suppressed and cohesive with companion shelter Previous lower limb removals to crown lift Slightly sparse upper crown Above average epicormic growth Crown biased south and north Moderate collective value	B2	3.3

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)
131	English Oak	460 oi	12	8.25	7	9.25	6		2	2	Early Mature	Average	Indifferent	Clad and obscured by ivy, unable to thoroughly inspect Component of linear collection Mutually suppressed and cohesive with companion shelter Previous lower limb removals to crown lift Slightly sparse upper crown Above average epicormic growth Crown biased south and north Moderate example of species	B12	5.4
132	English Oak	185	8	2#	5	2#	2#		2	4	Semi Mature	Average	Indifferent	Component of linear collection Mutually suppressed and cohesive with companion shelter Previous lower limb removals to crown lift Crown biased south Unremarkable example of species	C12	2.1
133	Cherry	190	4	2	4.25	4#	2.75#		2	2	Early Mature	Average	Indifferent	Mutually suppressed and cohesive with companion shelter Previous lower limb removals to crown lift unremarkable example of species	C12	2.4
134	English Oak	385	10	5.25	5.5	6#	6		2	1.75	Early Mature	Average	Indifferent	Component of linear collection Mutually suppressed and cohesive with companion shelter Previous lower limb removals to crown lift Moderate example of species	B12	4.5
135	Field Maple	2*220 160 110 140 165	11	5	4.25	4#	4.5		2	1.75	Early Mature	Average	Indifferent	Component of linear collection Mutually suppressed and cohesive with companion shelter Previous lower limb removals to crown lift Muti stemmed from c.0.25m, union sound Lamp post within western aspect of crown Unremarkable example of species	C12	4.8
136	Field Maple	220	7.5	4.25	3.25	4#	3.25		1.75	2	Early Mature	Average	Indifferent	Component of linear collection Mutually suppressed and cohesive with companion shelter Previous lower limb removals to crown lift Unremarkable example of species	C12	2.7
137	Field Maple	130 170 170 180 200	8.5	4.75	5.5	4#	2.75		2	1.5	Early Mature	Average	Indifferent	Component of linear collection Mutually suppressed and cohesive with companion shelter Previous lower limb removals to crown lift Unremarkable example of species	C12	4.5
138	Elm	130	6					2	2	1.5	Semi Mature	Below Average	Indifferent	Entering a state of terminal decline Unlikely to offer long term future contribution	C12	1.5
139	Goat Willow	110 80 100 75 90 110 3*130	11	4.75	6.25	7#	5.5		1.75	0.5	Semi Mature	Average	Poor	Multi stemmed from ground level, unions tight Fence engulfed by stems Occasional crossing and rubbing stem within Unlikely to offer a long term future contribution	U	N/A
140	Field Maple	275	11	5	5	5#	4		2	1.5	Early Mature	Average	Indifferent	Component of linear collection Mutually suppressed and cohesive with companion shelter Wound on northern aspect of stem at c.1m Previous lower limb removals to crown lift Moderate collective value	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								
141	Field Maple	210	10	4.75	2.5	4#	3.75		1.75	1.5	Early Mature	Average	Indifferent	Component of linear collection Mutually suppressed and cohesive with companion shelter Previous lower limb removals to crown lift Unremarkable example of species	C12	2.4
142	Field Maple	360	11	6	4.25	5#	4		2	1.75	Early Mature	Average	Indifferent	Component of linear collection Mutually suppressed and cohesive with companion shelter Previous lower limb removals to crown lift Unremarkable example of species	C12	4.2
143	Norway Maple	280	9	5.75	4.5	5#	4		2	1.5	Early Mature	Average	Indifferent	Component of linear collection Mutually suppressed and cohesive with companion shelter Previous lower limb removals to crown lift Unremarkable example of species	C12	3.3
144	Field Maple	205	7	0.25	4	5	3.5		1.25	0.5	Semi Mature	Average	Poor	Component of linear collection Mutually suppressed and cohesive with companion shelter Previous lower limb removals to crown lift Suppressed by adjacent collection, crown biased to south Unremarkable example of species	C12	2.4
145	English Oak	250	12	0.25	2.25	6.25	4.25		2.5	2	Early Mature	Average	Poor	Component of linear collection Mutually suppressed and cohesive with companion shelter Previous lower limb removals to crown lift Suppressed by adjacent collection, crown biased to south Unremarkable example of species	C12	3
146	Field Maple	210	9	0.25	3	3.5	4		1.75	1.25	Semi Mature	Average	Poor	Component of linear collection Mutually suppressed and cohesive with companion shelter Previous lower limb removals to crown lift Suppressed by adjacent collection, crown biased to south Unremarkable example of species	C12	2.4
147	Field Maple	200	6	0.25	4	4	3.5		1.75	1.25	Semi Mature	Average	Poor	Component of linear collection Mutually suppressed and cohesive with companion shelter Previous lower limb removals to crown lift Suppressed by adjacent collection, crown biased to south Unremarkable example of species	C12	2.4
148	Field Maple	185	6	0.25	3.5	3.5	3		1.75	1.25	Semi Mature	Average	Poor	Component of linear collection Mutually suppressed and cohesive with companion shelter Previous lower limb removals to crown lift Suppressed by adjacent collection, crown biased to south Unremarkable example of species	C12	2.1
149	Field Maple	240	10	0.25	3.75	4.25	3.25		1.5	1	Semi Mature	Average	Poor	Component of linear collection Mutually suppressed and cohesive with companion shelter Previous lower limb removals to crown lift Suppressed by adjacent collection, crown biased to south Unremarkable example of species	C12	3
150	Field Maple	220	10	0.25	4.75	4.75	4.75		1.25	1.25	Semi Mature	Average	Poor	Component of linear collection Mutually suppressed and cohesive with companion shelter Previous lower limb removals to crown lift Suppressed by adjacent collection, crown biased to south Unremarkable example of species	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								
151	Field Maple	240	10	0.25	3.5	5	5		2	1.75	Semi Mature	Average	Poor	Component of linear collection Mutually suppressed and cohesive with companion shelter Previous lower limb removals to crown lift Suppressed by adjacent collection, crown biased to south Unremarkable example of species	C12	3
152	Turkey Oak	315	15	4#	4.25	5	4		2.25	1.5	Early Mature	Average	Poor	Component of linear collection Mutually suppressed and cohesive with companion shelter Previous lower limb removals to crown lift Suppressed by adjacent collection, crown biased to south Unremarkable example of species	C12	3.9
153	English Oak	1250#	19	10#	8	11	8.75		6.25	1.5	Mature	Average	Poor	Inaccessible, offsite within adjacent third-party land, unable to thoroughly inspect Fungal fruiting bodies on previously removed secondary leader at c.8m Several pockets of decay within old pruning wounds Prominent boundary feature	A2	15
154	Turkey Oak	300	12	7#	3.75	5.75	3.75		2	2	Early Mature	Average	Poor	Component of linear collection Mutually suppressed and cohesive with companion shelter Previous lower limb removals to crown lift Suppressed by adjacent collection, crown biased to south Unremarkable example of species	C12	3.6
155	Plum	2*220	7	5#	3.75	4.75	4.25		2	1	Semi Mature	Average	Poor	Component of linear collection Mutually suppressed and cohesive with companion shelter Previous lower limb removals to crown lift Suppressed by adjacent collection, crown biased to south Unremarkable example of species	C12	3.6
156	English Oak	290	11	3#	3.25	5	5		2	1.5	Early Mature	Average	Indifferent	Component of linear collection Mutually suppressed and cohesive with companion shelter Previous lower limb removals to crown lift Suppressed by adjacent collection, crown biased to south Unremarkable example of species	C12	3.6
157	English Oak	750#	22#					10#	9#	9#	Mature	Average	Indifferent	Stem inaccessible due to dense understory Minor tip dieback Structure appears typical for species within current context Good example of species	A12	9
158	English Oak	950#	20#					10#	9#	9#	Mature	Average	Indifferent	Stem inaccessible due to dense understory Minor tip dieback Occasional tear out wounds within scaffold structure Structure appears typical for species within current context Principal component	A2	11.4
G1	Ash Apple Dogwood Field Maple Hawthorn Elm Hazel Sycamore	200# max	8 max					4 av	1 av	1 av	Young to Early Mature	Below Average to Average	Poor to Indifferent	Ash components are in decline likely from Ash Dieback Occasional dead Elm within Cohesive collection of established scrub Readily replaceable at current size, low arboricultural value	C12	2.4
G2	Portuguese Laurel	160 av	7 av					5.25 max	1 av	0.25 av	Young to Semi Mature	Average	Indifferent	Maintained collection of ornamental plantings Unremarkable collection	C12	1.8

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)
G3	Ash Hazel Portuguese Laurel Sycamore	190 av	9 av					4 av	1 av	1 av	Young to Early Mature	Below Average to Average	Poor to Indifferent	Ash components are in decline likely from Ash Dieback Intermittent collection of established scrub Predominantly composed of Portuguese Laurel Unremarkable example of species	C12	2.4
G4	Ash Cherry Dogwood Field Maple Osier Willow	250# max	9# max					4 av	1 av	1 av	Young to Semi Mature	Below Average to Average	Poor to Indifferent	Collection of scrub Cherry components in decline Unremarkable collection	C12	3
G5	Ash English Oak Field Maple Goat Willow Silver Birch	90 max	7 av					2 max	0.5 av	0.5 av	Young to Semi Mature	Average	Indifferent	Intermittent collection of scrub Unremarkable collection	C12	1.2
G6	Ash Blackthorn Elm Hawthorn Plum	480# max	19 max					4.5 av	0.5 to 7#	0.5 to 7#	Young to Early Mature	Below Average	Poor to Indifferent	Occasional dead Elm within Cohesive collection of established Ash in decline with scrub understory Collection composed of predominately low value individuals	C12	5.7
G7	Silver Birch Rowan Sumac Ash Field Maple Cotoneaster	75 av	45 av					2.5 av	1 av	1 av	Young to Semi Mature	Below Average	Poor to Indifferent	Intermittent collection of scrub Unremarkable collection	C12	0.9
G8	Portuguese Laurel Hawthorn Pear	100 av	5 av					3.5 av	1 av	0.5 av	Young to Semi Mature	Average	Indifferent	Cohesive collection of predominantly Portuguese Laurel Unremarkable collection	C12	1.2
G9	Monterey Cypress Magnolia	3*90 2*100 max	6.5 max					3.75 max	1 av	0.5 av	Young	Average	Indifferent	Collection of planted ornamentals Unremarkable collection	C12	2.4
G10	Plum Ash Field Maple Sycamore Hazel	200 av	10 av					5 av	0 av	0 av	Young to Early Mature	Average	Indifferent	Cohesive collection of established scrub on and off site Predominantly composed of Plum Individually of low significance, moderate value as collective only	B2	2.4
G11	Berberis Ash Field Maple Horse Chestnut Elm	75 av	2 to 6					2.5 av	0 av	0 av	Young to Early Mature	Average	Indifferent	Collection of establishing trees Unremarkable collection	C12	0.9
G12	Hazel Plum Hornbeam Silver Maple Turkey Oak Whitebeam	7*75 av	6 av					3.75 av	0 av	1 av	Young to Semi Mature	Average	Indifferent	Collection of predominantly coppiced Hazel and scrub Unremarkable collection	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								
G13	Leyland Cypress Lawson Cypress Monterey Cypress	450 av	15 av					4.5 av	0.5 av	0.5 av	Early Mature	Average	Indifferent	Inaccessible, offsite within adjacent third-party land, unable to thoroughly inspect Linear collection of conifers adjacent to site boundary Individually of low significance, moderate value as collective only	B2	5.4
G14	Ash English Oak Norway Maple Elm Hazel Plum Cherry Laurel Field Maple Turkey Oak Beech	250 av	8 av					4 av	0 av	0 av	Semi Mature to Early Mature	Average	Poor	Collection of scrub lining carpark Unremarkable collection	C12	3
G15	Ash Turkey Oak Holly Hazel London Plane Hawthorn English Oak	220 av	12 av					4 av	0 av	0 av	Young - Early Mature	Average	Indifferent	Cohesive collection of established trees with scrub understory Individually of low significance, moderate value as collective only	B2	2.7
H1	Hawthorn	75 av	2 av					1.5 av	0.25 av	0.25 av	Young	Average	Indifferent	Maintained hedgerow Unremarkable collection	C12	0.9
H2	Yew	90 av	2.5 av					1.25 av	0.25 av	0.25 av	Young	Average	Indifferent	Maintained hedgerow Unremarkable collection	C12	0.9
W1	Ash English Oak Hawthorn Hazel Hornbeam Horse Chestnut Field Maple Sycamore	400 av	17# av					5.75 av	1 to 7	1 to 7	Young to Early Mature	Below Average to Average	Poor to Indifferent	Components predominantly clad and obscured by ivy, unable to thoroughly inspect Occasional standing dead occurring throughout Typical etiolated form within woodland context Dense woodland Ash components showing signs of Ash Dieback Occasional dead Elm throughout High value collection	A2	4.8

APPENDIX C

TREE PROTECTION PLAN (12218 TPP 02)

1:1500 @ A3

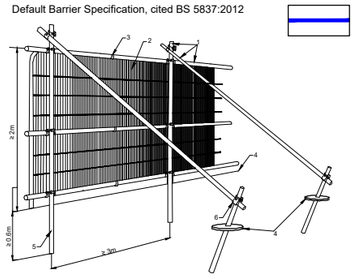
0m 10m 20m 50m

KEY:

- Site Boundary
- Tree Numbers
- Tree Canopies
- Category 'U' Trees
- Category 'A' RPA
- Category 'B' RPA
- Category 'C' RPA
- Ancient Woodland
- Ancient Woodland 15m Buffer
- Veteran Buffer
- Pruning Works
- Trees to be Removed
- Tree Protection Barrier
- Supervised Excavation
- Above Soil Surfacing
- Hard Surface Replacement
- Hard Surface Removal

Contact details (Spacing, Length)

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

REV	DATE	NOTE	Drawn	Chk'd

REVISIONS

aspect arboriculture

TITLE

Shinfield Park, Reading
Tree Protection Plan (Construction)

CLIENT

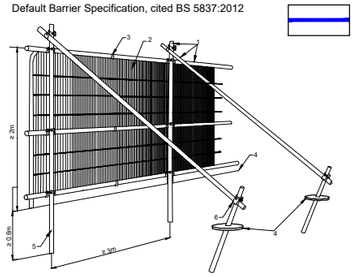
Wrenbridge

SCALE	DATE	DRAWN
1:1500 @ A3	FEB 2025	GW

DRAWING NUMBER	REVISION
12218 TPP 02_Construction (Overview)	

Based on: 40237-BGL-XX-XX-M3-0001-00200-P14 - Proposed Levels.dwg

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

1:1000 @ A3

0m 10m 20m 40m

KEY:

- Site Boundary
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- Category 'U' Trees
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REV	DATE	NOTE	Drawn	Chk'd

REVISIONS

aspect arboriculture

TITLE
Shinfield Park, Reading
Tree Protection Plan (Construction)

CLIENT
Wrenbridge

SCALE	DATE	DRAWN
1:1000 @ A3	FEB 2025	GW

DRAWING NUMBER	REVISION
12218 TPP 02_Construction (1/3)	

Based on: 40237-BGL-XX-XX-M3-0001-00200-P14 - Proposed Levels.dwg

1:1000 @ A3

0m 10m 20m 40m

KEY:

- Site Boundary
- Tree Numbers
- Tree Canopies
- Category 'U' Trees
- Category 'A' RPA
- Category 'B' RPA
- Category 'C' RPA
- Ancient Woodland
- Ancient Woodland 15m Buffer
- Veteran Buffer
- Pruning Works
- Trees to be Removed
- Tree Protection Barrier
- Supervised Excavation
- Above Soil Surfacing
- Hard Surface Replacement
- Hard Surface Removal

Hard surface replacement within RPA to be carried out under arboricultural supervision.

Footprint of proposed retaining wall within RPA to be excavated under arboricultural supervision.

Existing hard surface within RPA to be removed and converted to soft landscape under arboricultural supervision.

Footprint of proposed retaining wall within RPA to be excavated under arboricultural supervision.

Footprint of proposed footpath within RPA to be excavated under arboricultural supervision.

Footprint of proposed retaining wall within RPA to be excavated under arboricultural supervision.

Hard surface replacement within RPA to be carried out under arboricultural supervision.

Ancient Woodland

Landscaping

Overflow parking - 24 spaces

Unit 1 Zone - 65 spaces

Unit 5 Zone - 19 spaces

Staff Amenity

Service Yard

UNIT 5 FFL:76.000m +/- 300mm

UNIT 1 FFL:73.800m +/- 300mm

UNIT 2 FFL:73.800m +/- 300mm

Unit 5 Car Park - 72 spaces

Unit 1 Car Park - 45 spaces

Unit 3A Car Park - 12 spaces

Entrance

Cycle Store

Bin Store

Pavilion

Cycle Store

Bin Store

Service Yard

Service Yard

Landscaping

Landscaping

Landscaping

1:1000 @ A3

0m 10m 20m 40m

KEY:

- Site Boundary
- Tree Numbers
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Default Barrier Specification, cited BS 5837:2012

Key

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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

REV	DATE	NOTE	Drawn	Chk'd

REVISIONS

aspect arboriculture

TITLE

Shinfield Park, Reading
Tree Protection Plan (Construction)

CLIENT

Wrenbridge

SCALE	DATE	DRAWN
1:1000 @ A3	FEB 2025	GW

DRAWING NUMBER	REVISION
12218 TPP 02_Construction (3/3)	

Based on: 40237-BGL-XX-XX-M3-0001-00200-P14 - Proposed Levels.dwg

APPENDIX D

TREE SURVEY METHODOLOGY

Tree Survey Methodology

The tree survey is a form of Visual Tree Assessment, undertaken during September 2025. 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'.

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