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HOMES

Land East of Park View Woodstock

Arboricultural Impact Assessment

June 2022

aspect

Land East of Park View
Woodstock

Arboricultural Impact Assessment

May 2022
11270_AIA.001

Project Details	
Client:	Blenheim Estate Homes
Project:	Land East of Park View, Woodstock
Report Title:	Arboricultural Impact Assessment
Project Number:	10270
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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.

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Executive Summary

i) **Introduction.** Aspect Arboriculture are commissioned by Blenheim Estate Homes to establish and report on the arboricultural impact of the proposed development of land east of Park View, Woodstock.

ii) **Proposals.** The proposed development will comprise up to 500 dwellings, with associated access, open space and infrastructure.

iii) **Surveys.** The site was surveyed by Aspect during October 2019 following the guidance contained within BS5837:2012 'Trees in relation to design, demolition and construction – Recommendations'. This data has also more recently been checked and validated during December 2021 in order to inform this application.

iv) **Statutory Designations.** Background checks confirm that there are no trees within influence of the application area that the site does not fall within a Conservation Area and that there are no trees within influence of the site which are scheduled within a Tree Preservation Order.

v) **Arboricultural Impact.** Based on the submitted parameters plan, the arboricultural impact is expected to be limited to the removal of fifty-four trees of individual distinction and associated understory, and the partial clearance of four sections of agricultural hedgerow. Tree losses are unavoidable in order to provide a highways compliant vehicular access from Upper Campsfield Road, and must be balanced against the aspirations for the site in terms of housing delivery, mitigation proposals and the wider benefits of the scheme. A preliminary tree protection drawing is provided to demonstrate the deliverability of safeguarding measures for retained trees. Conclusions drawn against Framework and Cherwell District Council's development control Policies, conclude that the proposal can be supported from the arboricultural perspective.

1 Introduction

1.1 Background & Proposals

1.1.1 Aspect Arboriculture are instructed by Blenheim Estate Homes to establish and report on the arboricultural impact of the proposed development of land East of Park View, Woodstock.

1.1.2 The proposed development will comprise up to 500 dwellings, with associated access, open space and infrastructure.

1.2 Purpose of the Report

1.2.1 This report documents the methods and findings of the baseline arboricultural survey and desktop study carried out to establish the existing arboricultural interest of the site. To inform the planning balance, it provides an appraisal of the direct and any likely residual effects of the proposals, and provides a review of any mitigation and enhancement measures to safeguard any significant arboricultural interest. The baseline arboricultural survey can be reviewed at Appendix A and B.

1.3 Site Overview and Tree Stock

1.3.1 The application area falls within the administrative control of Cherwell District Council and comprises a single agricultural field on the eastern fringe of Woodstock. The field is currently under arable use and occurs to the north of Oxford Road (A44). The eastern and northern boundaries are defined by Upper Campsfield Road and Shipton Road respectively, and are both fronted by an established shelterbelt of deciduous trees which encloses the site's north-eastern corner. The western boundary abuts recently constructed residential development known as West Park View. There is no formal public access to the site, although agricultural access is served a number of gated entrances present along the northern, eastern and southern boundary.

1.3.2 Tree cover within influence of the site represents a typical species mix for its locality and setting, majoring on deciduous broadleaved native and naturalised species, and agricultural hedgerows. In total, there are two-hundred and eighty-nine individual trees, seven groups of trees/ understory and four agricultural hedgerows recorded within the tree survey; they have all been considered in full during the design stages of the project in accordance with BS5837:2012

1.3.3 The majority of the site's trees occupy the eastern and northern boundaries, and comprise an established shelterbelt of native and naturalised deciduous broadleaves. The shelterbelt encloses the entire north-eastern boundary and provides the site with a strong sense of sylvan maturity and containment, filtering views of the interior from Upper Campsfield Road and Shipton Road. Sycamore and English Oak are the dominant species present and often occur as early-mature or mature examples of their type. Other species are also present although they occur less frequently, including Ash, Field Maple and Beech. The understory varies in structure and density but typically comprises of Hawthorn, Elm, Hazel, Elder and Blackthorn. There is little evidence of

any sylvicultural management throughout the shelterbelt, with works appearing to have been limited to the clearance of storm damage and fallen trees to maintain clearance and facilitate arable production.

1.3.4 Although not all trees are of individual merit, collectively the shelterbelt makes a positive and important contribution to the site's amenity, largely equivalent to BS5837:2012 category B, i.e. a feature of moderate arboricultural quality. Accordingly, the collection has been treated as a key feature and a priority to retain during design. Throughout the shelterbelt key/dominant trees have been recorded individually to provide sufficient technical information to inform design.

1.3.5 The remaining assemblage comprises of agricultural hedgerow containing the occasional Ash, Norway Maple and English Oak. Except for a number of early mature examples of Sycamore and Ash, the majority of these trees are considered to typically represent unremarkable examples of their type commensurate to BS5837:2012 category C, i.e. trees of low arboricultural quality. Although diverse in terms of assemblage and structure, they are considered to provide a low contribution to amenity owing to their small crown size and limited visibility.

2 Statutory Designations

2.1 Conservation Area

2.1.1 Background checks have confirmed that the application area does not occur within a Conservation Area (Cherwell District Council, cited May 2022). Accordingly, the amenity value of the trees 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 which are scheduled within a Tree Preservation Order (Cherwell District Council, cited May 2022).

3 Policy Review

3.1 The National Planning Policy Framework

3.1.1 The NPPF (2021) provides planning policy guidance at a National level. Paragraph 131 of the Framework sets out aspirations 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'.*

3.1.2 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).

3.1.3 In respect of Veteran Trees and Ancient Woodland, paragraph 180c requires that development proposals award particular consideration to these features; stating that *'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'.*

3.1.4 For clarity, there are no veteran or ancient trees, or any designated areas of ancient woodland within influence of the site, against which the tests of paragraph 180c can be applied.

3.1.5 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 Cherwell District Council

3.2.1 In terms of development control at a local level, Cherwell District Council (CDC) 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). Saved policies from the Cherwell Local Plan (November 1996, saved September 2007) and the Cherwell Local Plan Review (adopted July 2015) are understood to comprise the Council's current means of development control. Saved Policies C14 and C23, and adopted policies ESD10, ESD13 and ESD15 are tests considered relevant to trees in the context of development.

3.2.2 **SAVED POLICY C14** Trees and Landscaping:

In exercising its development control functions the council will normally accept opportunities for countryside management projects where

(i) All important trees, woodland and hedgerows are retained,

3.2.3 **SAVED POLICY C23** Conservation Areas:

There will be a presumption in favour of retaining buildings, walls, trees or other features which make a positive contribution to the character or appearance of a conservation area.

3.2.4 **POLICY ESD10** Protection and Enhancement of Biodiversity and the Natural Environment:

Protection and enhancement of biodiversity and the natural environment will be achieved by the following:

- *The protection of trees will be encouraged, with an aim to increase the number of trees in the District*
- *If significant harm resulting from a development cannot be avoided (through locating on an alternative site with less harmful impacts), adequately mitigated, or as a last resort, compensated for, then development will not be permitted.*

3.2.5 **POLICY ESD13** Local Landscape Protection and Enhancement:

Opportunities will be sought to secure the enhancement of the character and appearance of the landscape, particularly in urban fringe locations, through the restoration, management or enhancement of existing landscapes, features or habitats and where appropriate the creation of new ones, including the planting of woodlands, trees and hedgerows.

3.2.6 **POLICY ESD15** The Character of the Built and Historic Environment:

Successful design is founded upon an understanding and respect for an area's unique built, natural and cultural context. New development will be expected to complement and enhance the character of its context through sensitive siting, layout and high quality design. All new development will be required to meet high design standards. Where development is in the vicinity of any of the District's distinctive natural or historic assets, delivering high quality design that complements the asset will be essential.

New development proposals should:

- *Contribute positively to an area's character and identity by creating or reinforcing local distinctiveness and respecting local topography and landscape features, including skylines, valley floors, significant trees, historic boundaries, landmarks, features or views, in particular within designated landscapes, within the Cherwell Valley and within conservation areas and their setting.*

4 Arboricultural Impact

4.1 Tree Removals[1]

4.1.1 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.

4.1.2 To introduce the proposed development it will be necessary to remove the trees detailed within Table 1 below, and can be quantified as fifty-four trees of individual distinction and associated understory, and the partial clearance of four sections of agricultural hedgerow. Based on the submitted Parameters Plan and access proposal, removals are expected to be limited to those required to gain vehicular access to the site off Upper Campsfield Road and to provide connectivity with development to the west. It is highly unlikely that any other tree loss will be required following detailed design.

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

Category A	Category B	Category C	Category [U]
None	**T81**, **T90** English Oak **G1**+Δ **H2**+Δ	**T34**, **T41**, **T44**, **T67**, **T70**, **T84**, **T85**, **T86**, **T95**, **T100** English Oak **T42**, **T43**, **T46**, **T47**, **T48**, **T49**, **T58**, **T65**, **T68**, **T69**, **T75**, **T87**, **T88**, **T91**, **T92**, **T93**, **T94**, **T97**, **T98**, **T101**, **T102**, **T109** Sycamore **T59**, **T66**, **T72**, **T73**, **T74**, **T76**, **T77**, **T78**, **T79**, **T82**, **T83**, **T104**, **T270** Ash **T99** Field Maple **H2**+Δ, **H3**+Δ	**T33**, **T96** Field Maple **T45**, **T71**, **T80**, **T89** English Oak

+ Denotes an assemblage of three or more species (refer to appendix B)
Δ Denotes partial removal of hedge or tree group

4.1.4 The submitted access arrangement has been led by Highways constraints however it has also been designed to limit its effect on existing trees. Consequently, the impact is majored on a section of the shelterbelt which contains the lowest density of key/principal trees, enabling the effect to be focused on understory and unremarkable and low quality trees i.e. category C and U trees.

4.1.5 Although it is not possible to fully avoid all key/dominant trees, siting the access in this location facilitates the retention of higher density and better quality areas 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.

shelterbelt to the north and south. The retention of the wider shelterbelt has been a key consideration during design, and will subsequently be integrated safely within the development and continue to provide sylvan maturity and containment.

4.1.6 It is acknowledged that tree losses detailed within Table 1 will generate a requirement for mitigative planting, which has also been a key consideration during design. Accordingly, the scheme includes substantial areas of public open space which have the capacity to receive a high number of replacement trees, including large canopy bearing species. Although detailed landscape design will be the subject of a future reserved matters application, there will also undoubtably be opportunities to incorporate new canopy cover throughout residential areas, i.e. street trees and ornamental standards. This planting, combined with the scale of planting anticipated across the wider POS, will enhance the long-term distribution, resilience and quality of the site's tree stock, delivering tangible amenity benefits to both the existing and proposed setting.

4.2 Vulnerable Trees

4.2.1 The constraints posed by the site's existing trees have been identified in accordance with BS5837:2012, and there is sufficient information available to inform detailed design and to provide a high level of confidence with regards to the scheme's capacity to retain all important trees. Accordingly, and as shown on the parameters plan, the arboricultural impact arising through encroachment within root protection areas is projected to be negligible.

4.2.2 When detailed design is undertaken, arboricultural advice in accordance with Clause 5 of BS5837:2012 should be provided to minimise any potential arboricultural impact of the final scheme of development. Regard will be given to this assessment and there will be a further opportunity for any adverse impact to be assessed, with any additional impacts addressed as part of a future reserved matters application. Ongoing arboricultural input could be secured by condition via a request for an Arboricultural Method Statement or an additional Arboricultural Impact Assessment.

4.2.3 In the spirit of the Framework and Cherwell District Council's Policies ESD10 and ESD13, it is also recommend that enhancements to the retained areas of shelterbelt are secured by way of an appropriate woodland management plan. There are clear opportunities to deliver environmental and biodiversity benefits, which could be readily achieved by improving structure, diversity and maximising its ecological function. Although other opportunities may also be identified during the preparation of a management plan, its primary objectives should be focused on:

(1) improving the woodlands structure and resilience through strategic new planting;

(2) enhancing the woodland's diversity through the thinning of Sycamore and introduction of other native species;

(3) maximising the woodland's ecological function by promoting a mosaic of habitats, including the introduction of artificial habitat where appropriate; and,

(4) increasing the woodlands capacity to respond to climate change.

4.3 Pruning Works[2]

4.3.1 The need for pruning work to accommodate the development proposal is also expected to be low and limited to crown lifting work where trees will be retained within areas of POS and adjacent to the proposed access.

4.3.2 To limit the need for pruning work, it is recommended that consideration is continued to be given during detailed design to ensure sufficient spatial separation is provided between the retained shelterbelt and built form. Should pruning work be required, it should be restricted to the shortening of secondary lower branches only, to avoid the potential for having a negative effect on health, vitality or amenity value.

4.3.3 Although not required to accommodate the development, it will be recommended that throughout the entire site, dead branches are removed from the canopies of retained trees to help relieve occupier's apprehension and mitigate the risk of future tree related hazards emerging. The removal of deadwood should be carried out in accordance with section 7.3 of BS3998:2010, by a competent tree contractor, to ensure that cuts are performed correctly and positioned so as to avoid future structural defects or physiological issues, facilitate growth and maintain aesthetic value.

4.4 Protective Barriers

4.4.1 It will be important to protect retained trees' above-ground structures and underlying RPAs from damage during demolition and construction. To achieve this, tree protection barriers should be erected prior to the commencement of any works and consist of the default barrier specification provided in BS5837:2012. The locations for protective fencing should be determined as part of a detailed tree protection strategy which could be secured by condition.

4.4.2 Although barrier positions will need to be reviewed in conjunction with a construction phasing plan, initial locations for default protective fencing are illustrated within the Tree Protection Plan (appendix C) with a bold blue line. It would also be prudent for the Project Arboriculturist to oversee the initial setting out of tree protection barriers and provide written confirmation to the Council's arboricultural officer on completion.

[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 Mitigation Replanting

4.5.1 Based on the submitted Parameters Plan, requirements for mitigative replanting are only driven by the effect of the proposed access arrangement. Whilst detailed landscape design will be the subject of a future reserved matters application, a landscape strategy has been prepared (by others) to demonstrate where opportunities exist to incorporate replacement planting.

4.5.2 The strategy is indicatively illustrated within the submitted framework plan and includes the introduction of a significant number of new trees within areas of public open space and throughout residential areas of the site. It also seeks to address the tree loss generated by the access through the provision of an equivalent area of woodland planting, ensuring that there will be no reduction in total woodland canopy coverage. Outlying large canopy trees are also proposed which will provide an uplift in tree numbers and gains in canopy coverage, resulting in improvements to the distribution of trees across the site and associated amenity benefits.

4.5.3 The extent of planting is a substantial development enabled opportunity, commensurate to the aspirations of the Framework with regards to trees and their associated benefits. It should subsequently be considered a positive factor as part of the planning balance, particularly if combined with a programme for bringing the shelterbelts into management.

4.5.4 It is recommended that detailed planting proposals which build on the principles of the framework plan are secured by condition.

5 Conclusions

5.1.1 Pursuant to Cherwell District Council's Policy requirements, the proposals have been informed by a survey of the existing tree stock using the guidance provided at BS5837:2012. This information has been used to facilitate the iterative design process, whereby it can be demonstrated that the integration of the site's principal trees has been a priority.

5.1.2 There is an unavoidable requirement to incur tree loss in order to accommodate a highways compliant vehicular access from Upper Campsfield Road, and to facilitate connectivity with development to the west. This effect can be quantified as the loss of fifty-four trees of individual distinction and associated understory, and the partial clearance of four sections of agricultural hedgerow. Tree loss will need to be balanced against the aspirations for the site with regards to housing delivery and good design principles; the quantum, quality and appropriateness of new planting which will be secured, and the significant uplift this provides in terms of tree numbers and net canopy cover.

5.1.3 A preliminary scheme for safeguarding retained trees has also been prepared which relies on the use of recognised construction methodologies and static tree protection barriers, however this work should be reviewed/expanded on during detailed design.

5.1.4 To inform the planning balance, the principle of introducing development to the site is considered to be acceptable from the arboricultural perspective, subject to ongoing arboricultural input during detailed design and the adoption of safeguards for protecting retained trees during construction. It is our subsequent conclusion that introducing development in accordance with the submitted parameters plan would not conflict with the Framework and can be supported within the context of Cherwell District Council's Policies C14, C23, ESD10, ESD13 and ESD15.

6 Recommendations

6.1.1 Pursuant to the Council's preference to ensure confident tree retention during the development, an Arboricultural Impact Assessment should be produced following detailed design, alongside a detailed Arboricultural Method Statement which expands on Appendix C. It is also recommended that detailed planting proposals are produced to demonstrate the approach to incorporating new panting within the site. This work could be secured by Condition.

6.1.2 An additional Arboricultural Impact Assessment should assess a detailed layout in accordance with Clause 5 of BS5837:2012. The Arboricultural Method Statement could address matters including: specification for tree protection barriers, including 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.

6.1.3 A woodland management plan should also be prepared and secured by way of condition, adopting the aims and objectives set out at section 4.2.3 of this Arboricultural Impact Assessment.

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APPENDICES

APPENDIX A

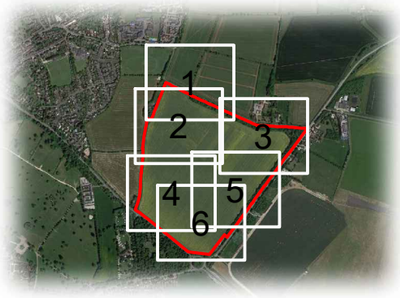
TREE CONSTRAINTS PLAN (10270 TCP 01 Rev A)

KEY:

- Site Boundary
- 15 Tree Numbers
- Tree Canopies
- [8] Category 'U' Trees
- Category 'A' RPA
- Category 'B' RPA
- Category 'C' RPA
- Shading Arc

Note: Trees 261-267, Groups G1, G2 and Hedgerows H1-H4 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 1, 20, 21, 26, 30, 104, 122, 125, 134, 136, 138, 139, 151, 153, 163, 169, 176, 190, 200-202, 208, 217, 222, 225, 239, 252 & 283 have been displaced to allow for the effect of the adopted highway. The surface area of the RPA has not been reduced.



Cited from Google Earth

REV	DATE	NOTE	Drawn	Chk'd

REVISIONS

aspect arboriculture

TITLE

Land East of Park View, Woodstock
Tree Constraints Plan

CLIENT

Blenheim Estate Homes

SCALE	DATE	DRAWN
Not to scale	JAN 2022	GW

DRAWING NUMBER	REVISION
10270 TCP 01 Site 1 Rev A (Overview)	A

Based on: 5761_combined.dwg

1:1500 @ A3

0m 10m 20m 50m

KEY:

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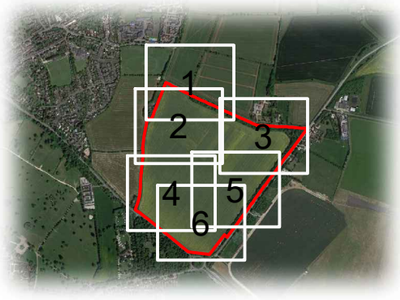

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aspect arboriculture

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Land East of Park View, Woodstock
Tree Constraints Plan

CLIENT

Blenheim Estate Homes

SCALE	DATE	DRAWN
1:1500 @ A3	JAN 2022	GW

DRAWING NUMBER	REVISION
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Based on: 5761_combined.dwg

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KEY:

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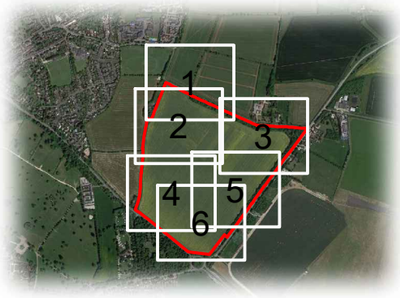

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Tree Constraints Plan

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Blenheim Estate Homes

SCALE	DATE	DRAWN
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DRAWING NUMBER	REVISION
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Based on: 5761_combined.dwg

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0m 10m 20m 50m

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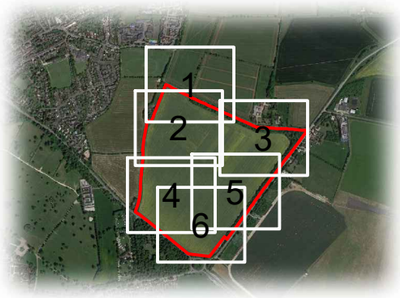

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SCALE	DATE	DRAWN
1:1500 @ A3	JAN 2022	GW

DRAWING NUMBER	REVISION
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Based on: 5761_combined.dwg

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0m 10m 20m 50m

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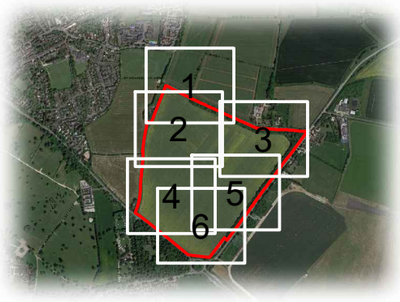

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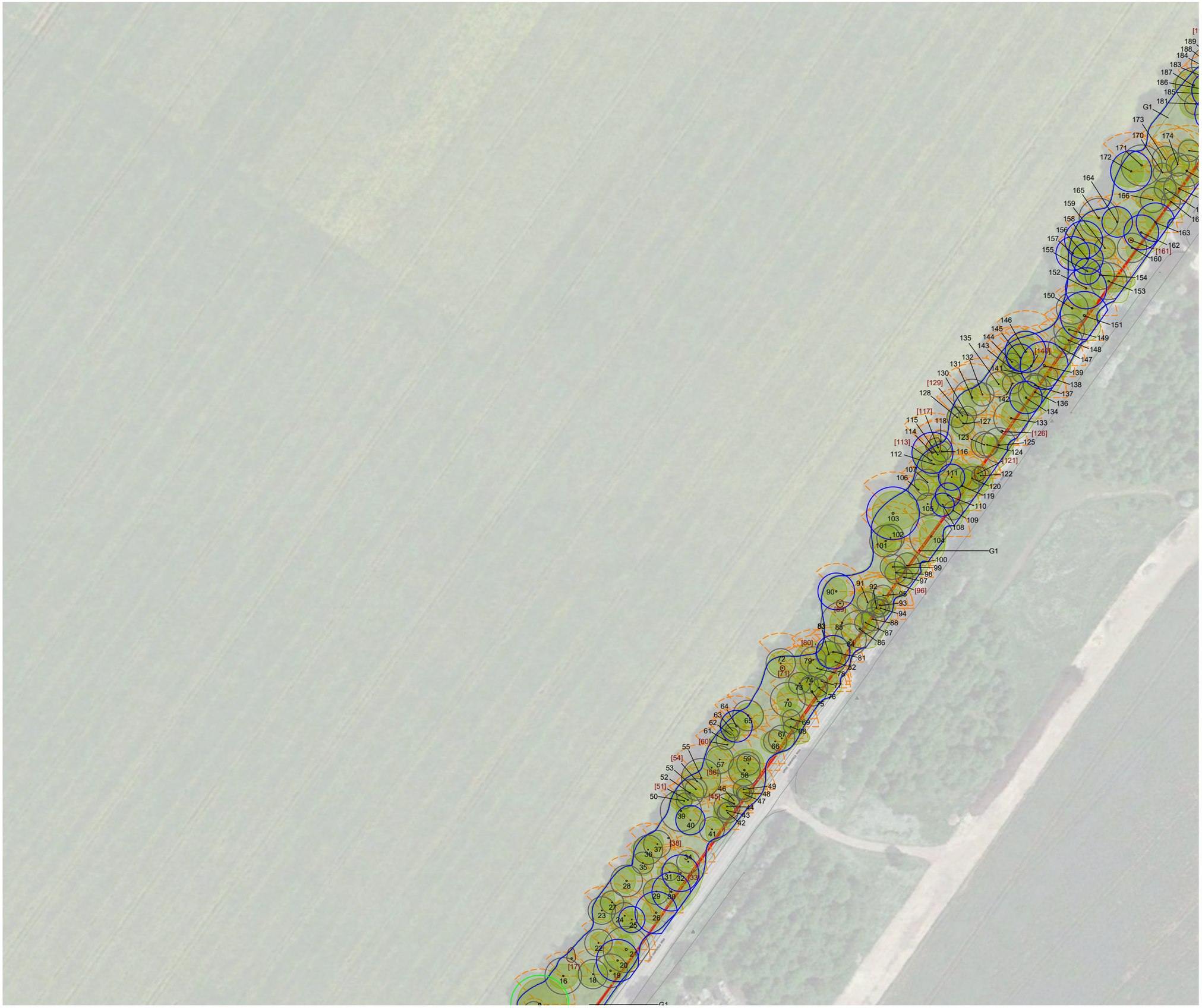
SCALE	DATE	DRAWN
1:1500 @ A3	JAN 2022	GW

DRAWING NUMBER	REVISION
10270 TCP 01 Site 1 Rev A (4/6)	A

Based on: 5761_combined.dwg



1:1500 @ A3

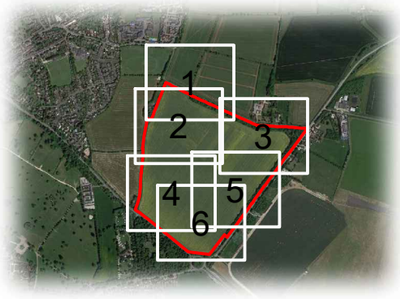
0m 10m 20m 50m

KEY:

- Site Boundary
- 15 Tree Numbers
- Tree Canopies
- [8] Category 'U' Trees
- Category 'A' RPA
- Category 'B' RPA
- Category 'C' RPA
- Shading Arc

Note: Trees 261-267, Groups G1, G2 and Hedgerows H1-H4 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 1, 20, 21, 26, 30, 104, 122, 125, 134, 136, 138, 139, 151, 153, 163, 169, 176, 190, 200-202, 208, 217, 222, 225, 239, 252 & 283 have been displaced to allow for the effect of the adopted highway. The surface area of the RPA has not been reduced.



Cited from Google Earth

REV	DATE	NOTE	Drawn	Chk'd

REVISIONS

aspect arboriculture

TITLE

Land East of Park View, Woodstock Tree Constraints Plan

CLIENT

Blenheim Estate Homes

SCALE	DATE	DRAWN
1:1500 @ A3	JAN 2022	GW

DRAWING NUMBER	REVISION
10270 TCP 01 Site 1 Rev A (5/6)	A

Based on: 5761_combined.dwg

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
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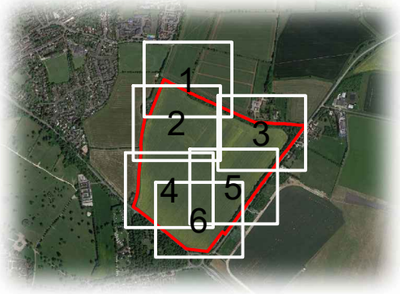
Note: Trees 261-267, Groups G1, G2 and Hedgerows H1-H4 have been plotted using measurements onsite in conjunction with aerial imagery. Their locations were not recorded on the topographical survey of the site.

Note: The RPA footprint for trees 1, 20, 21, 26, 30, 104, 122, 125, 134, 136, 138, 139, 151, 153, 163, 169, 176, 190, 200-202, 208, 217, 222, 225, 239, 252 & 283 have been displaced to allow for the effect of the adopted highway. The surface area of the RPA has not been reduced.



Cited from Google Earth

REV	DATE	NOTE	Drawn	Chk'd

REVISIONS

aspect arboriculture

TITLE

Land East of Park View, Woodstock
Tree Constraints Plan

CLIENT

Blenheim Estate Homes

SCALE	DATE	DRAWN
1:1500 @ A3	JAN 2022	GW
DRAWING NUMBER		REVISION
10270 TCP 01 Site 1 Rev A (6/6)		A

Based on: 5761_combined.dwg

APPENDIX B

TREE SURVEY SCHEDULE (10270 TS 01 Rev A)

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BS 5837:2012 Tree Schedule: Land East of Park View, Woodstock

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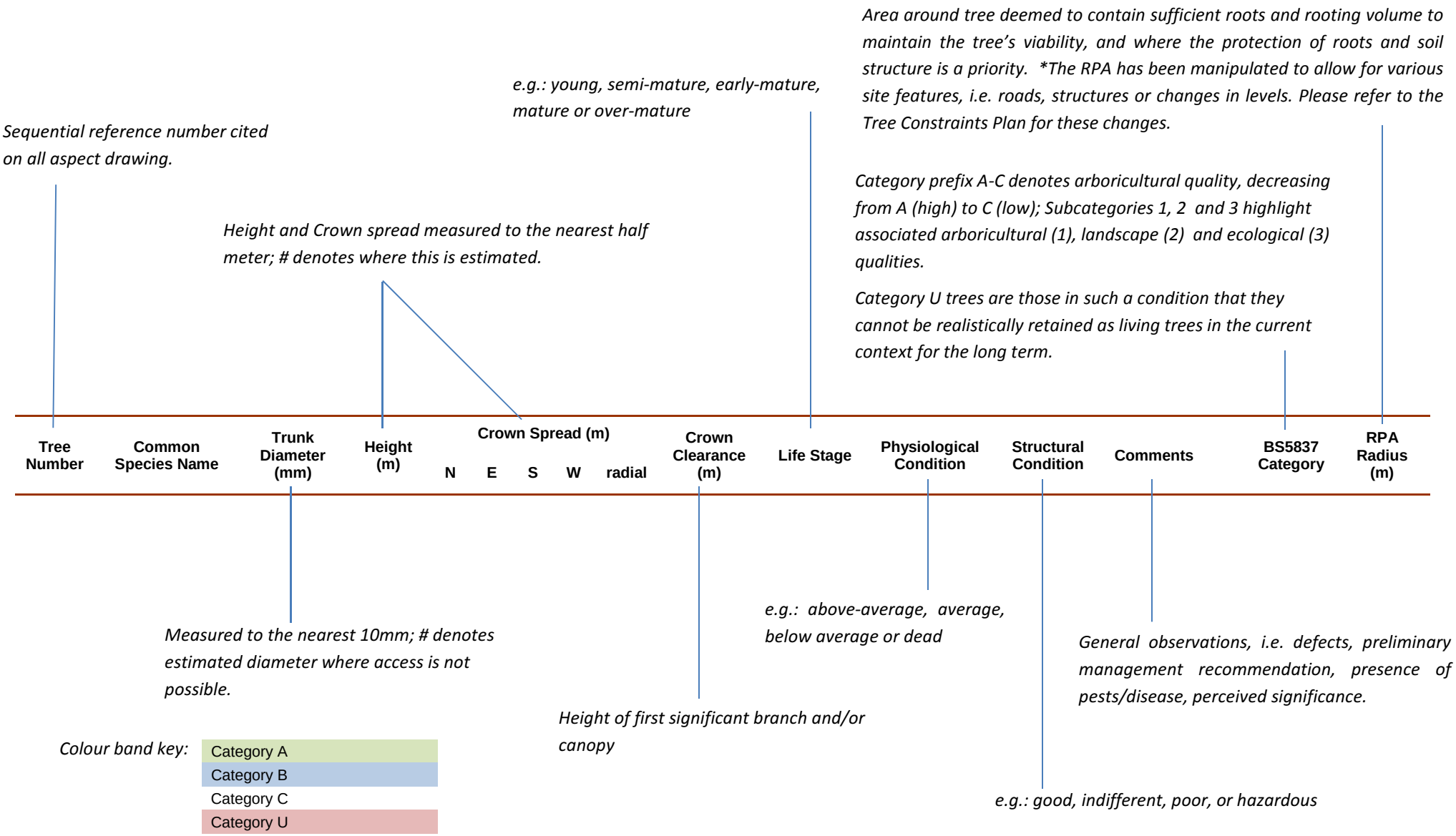
BS5837:2012 Tree Survey: Explanation of Survey Criteria



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	English Oak	830 oi	9m	0	2#	8	3.75		4.5	5	Mature	Below Average	Poor	Ivy clad, unable to thoroughly inspect Die back to northeast aspect of canopy Epicormic growth throughout scaffold structure	C12	9.9*
2	English Oak	340 oi	6.5m					2.5	3.5	3	Early Mature	Below Average	Poor	Heavily Ivy clad, unable to thoroughly inspect Large accumulations of deadwood throughout Limited future potential	U	N/A
3	English Oak	640 oi	11m	7	6.5	6.75	5.75		4.5	5	Early Mature	Below Average	Indifferent	Ivy clad, unable to thoroughly inspect Scaffold structure biased to the south	C12	7.8
4	English Oak	370 oi	10m					2	6.5	7.5	Early Mature	Below Average	Indifferent	Ivy clad, unable to thoroughly inspect Die back throughout the canopy	C12	4.5
5	English Oak	530 oi	7m					3	5	5	Early Mature	Below Average	Poor	Ivy clad, unable to thoroughly inspect	C12	6.3
6	English Oak	600 oi	6m								Early Mature	Dead	Hazardous	Standing deadwood	U	N/A
7	English Oak	410 oi	9.5m					2.5			Early Mature	Dead	Hazardous	Standing deadwood	U	N/A
8	English Oak	460 oi	11m	3	2.5	5.5	3		7	3.5	Early Mature	Below Average	Indifferent	Ivy clad, unable to thoroughly inspect Above average internal deadwood Epicormic growth throughout stem	C12	5.4
9	English Oak	710 oi	11m	7	3.5	6.75	5.5		1.5	1	Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Unbalanced form Unremarkable example of the species	C12	8.4
10	English Oak	390 oi	11m	5	5	4.5	4		1.75	1.5	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Unremarkable example of the species	C12	4.8
11	English Oak	550 oi	9m	5.25	5	3.5	5.75		1	1	Early Mature	Below Average	Indifferent	Ivy clad, unable to thoroughly inspect Epicormic growth throughout stem and scaffold structure	C12	6.6

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								
12	English Oak	540 oi	8.5m	3.75	5	3.5	4		2.5	2.5	Early Mature	Below Average	Indifferent	Ivy clad, unable to thoroughly inspect Above average internal deadwood Epicormic growth throughout stem and scaffold structure	C12	6.6
13	English Oak	420 oi	7.5m	3.25	4.5	3.25	4.75		2	2	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Epicormic growth throughout scaffold structure	C12	5.1
14	English Oak	340 oi	5.5m	1	1.5	3.5	1		1.75	1	Early Mature	Below Average	Poor	Ivy clad, unable to thoroughly inspect Die back to upper canopy Reduced future potential	C12	4.2
15	Sycamore	990 oi	14.5m	10.5	11.25	8.75	9.25		2	1	Mature	Above Average	Good	Ivy clad, unable to thoroughly inspect Well balanced scaffold structure and canopy Good example of the species at maturity	A12	12
16	English Oak	620 oi	10m	5	5.75	5.25	6		2	1.75	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Scaffold structure biased to the south Unremarkable example of the species	C12	7.5
17	English Oak	570 oi	6.5m	4.5	1.5	1.5	2				Early Mature	Below Average	Poor	Heavily Ivy clad, unable to thoroughly inspect Canopy has completely died back, live foliage limited to epicormic growth on stem Considered to be in a state of terminal decline	U	N/A
18	English Oak	500 oi	10.5m	4.5	5.5	4.75	6.5		5	4.5	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Above average internal deadwood	C12	6
19	English Oak	570 oi	10m	4	8	5	4		2	2	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Above average internal deadwood	C12	6.9
20	English Oak	720 oi	13.5m	5.75	8.75	5	5.5		4.5	4	Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Canopy biased to the east	B2	8.7*
21	English Oak	780 oi	12m	6	3.5	3	5		5.5	4.5	Mature	Below Average	Poor	Ivy clad, unable to thoroughly inspect Die back to upper canopy Reduced future potential	C12	9.3*

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								
22	English Oak	480 oi	9.5m	4.5	4.75	4	3.5		2	2	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Radial canopy Unremarkable example of the species	C12	5.7
23	Sycamore	390 260 oi	10m	4.5	4.5	4.75	4.5		0.5	0.5	Earl Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Radial canopy Bifurcates from c.0.5m Flail management to the western aspect of the canopy up to c.5m	C12	5.7
24	Sycamore	440 oi	11m	6.5	3.5	9	6		1	2.5	Early Mature	Average	Indifferent	Partially Ivy clad Canopy biased to the southwest	C12	5.4
25	English Oak	450 oi	9.5m	3.25	4	6	3.5		4	4	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Moderate example of the species whilst maturing	B12	5.4
26	English Oak	700 oi	11m	6.5	2	4.5	6#		4	4	Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Moderate example of the species at maturity	B12	8.4*
27	English Oak	400 oi	8m	5	1	3.25	5		0.5	0.5	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Flail management to the western aspect of the canopy up to c.5m	C12	4.8
28	English Oak	560 oi	10.5m	5.5	3.5	5	5.25		1.75	1.75	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Flail management to the western aspect of the canopy up to c.5m	C12	6.6
29	Sycamore	450 oi	10m	4.75	4	4.5	5.5		5	6	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Radial canopy Flaking bark on stem	C12	5.4
30	English Oak	640 oi	8.5m	4	8#	6	2.75		2	1	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Canopy biased to the east	B2	7.8*
31	English Oak	300 oi	10.5m	4	3	3.5	5		5	4.5	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Canopy biased to the west	C12	3.6

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									
32	English Oak	620 oi	11m	2.5	9#	5	3		6	5	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Canopy biased to the east	B2	7.5
33	Field Maple											Dead		Previously felled to ground level	U	N/A
34	English Oak	410 oi	11m	4.5	2.5	2	3.5		5.5	6	Early Mature	Below Average	Indifferent	Ivy clad, unable to thoroughly inspect Die back to upper canopy Reduced future potential	C12	4.8
35	Sycamore	380 oi	9.5m	3	4.25	5.25	6.75		1	0.5	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Flail damage to the western aspect of the canopy	C12	4.5
36	Sycamore	500 oi	11m	5	5.75	5.25	7		0.5	0.5	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Flail damage to the western aspect of the canopy	C12	6
37	English Oak	470 oi	8.5m	4.5	2.5	2	6.25		2	1	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Canopy biased to the west	C12	5.7
38	Field Maple											Dead		Fallen deadwood	U	N/A
39	English Oak	690 oi	11.5m	5	3	2.5	2		3	3.5	Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Upper canopy has minor die back	C12	8.4
40	English Oak	490 oi	11m	5.5	5.25	6.5	6		4.25	5	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Well balanced canopy	B2	6
41	English Oak	430 oi	11m	4.5	4	5	2.5		5	6	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Scaffold structure biased to the north	C12	5.1
42	Sycamore	340 oi	10.5m	3	2	6	6#		2	1	Early Mature	Average	Indifferent	Partially Ivy clad Unremarkable example of the species	C12	4.2
43	Sycamore	270 oi	10.5m	5	2	5	5		7	7	Semi Mature	Average	Indifferent	Partially Ivy clad Unremarkable example of the species	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								
44	English Oak	450 oi	8.5m	6	3.5	1	1		6	6	Early Mature	Below Average	Poor	Ivy clad, unable to thoroughly inspect Canopy biased to the north	C12	5.4
45	English Oak	310 oi	7.5m	2.5	6.5	6.5	0		4.5	4	Early Mature	Dead	Hazardous	Standing deadwood	U	N/A
46	Sycamore	210 oi	9m	2.5	2.5	2	3		3.5	3.5	Semi Mature	Average	Indifferent	Partially Ivy clad Unremarkable example of the species	C12	2.4
47	Sycamore	240 oi	9.5m	2	4.5#	3.5	0		2	3	Semi Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Canopy biased to the east	C12	3
48	Sycamore	230 oi	11m	2	2	2	3.5		4	5	Semi Mature	Average	Indifferent	Partially Ivy clad Unremarkable example of the species	C12	2.7
49	Sycamore	350 oi	13m					4	3.5	3.5	Early Mature	Average	Indifferent	Partially Ivy clad Radial canopy Unremarkable example of the species	C12	4.2
50	Sycamore	270 oi	8.5m	3	3	4	6		0.5	1	Semi Mature	Average	Indifferent	Partially Ivy clad Canopy biased to the west Flail damage to the western aspect of the canopy aspect up to c.2m	C12	3.3
51	English Oak	320 oi	6.5m								Early Mature	Dead	Hazardous	Standing deadwood	U	N/A
52	English Oak	480 oi	7.5m	1	2	5	8.25		3.5	4	Early Mature	Average	Indifferent	Partially Ivy clad Canopy biased to the west	C12	5.7
53	English Oak	380 oi	9m	0	3.5	4	6		6.5	7	Early Mature	Average	Indifferent	Partially Ivy clad Unremarkable example of the species	C12	4.5
54	English Oak	420 oi	7.5m								Early Mature	Dead	Hazardous	Fallen deadwood	U	N/A
55	Sycamore	680 oi	14m	6.5	7.5	7.5	7.75		3	2.5	Mature	Average	Poor	Partially Ivy clad Significant cavity within bole at c.0.5m	C12	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								
56	Sycamore	440 oi	8.5m								Early Mature	Dead	Hazardous	Standing deadwood	U	N/A
57	Sycamore	480 oi	14m	4.5	5	6	5		3.5	4	Early Mature	Average	Indifferent	Partially Ivy clad Bifurcates from c.1.75m	C12	5.7
58	Sycamore	540 oi	14.5m	4	6	5	6.5		2	2.5	Early Mature	Average	Indifferent	Partially Ivy clad Unremarkable example of the species	C12	6.6
59	Ash	410 oi	15m	6	6.25	5.25	7.25		5.75	5.5	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Fairly radial canopy	C12	4.8
60	English Oak	430 oi	9m								Early Mature	Dead	Hazardous	Standing deadwood	U	N/A
61	Sycamore	320 oi	10m	3	4	4	6.5		4.75	3.5	Early Mature	Average	Indifferent	Partially Ivy clad Canopy biased to the west	C12	3.9
62	Sycamore	250 oi	10.5m	2.5	3.5	3.5	4		2.5	3	Semi Mature	Average	Indifferent	Partially Ivy clad Unremarkable example of the species	C12	3
63	Sycamore	240 oi	9.5m	2.5	1	2.5	4.5		0.5	0.5	Semi Mature	Average	Indifferent	Partially Ivy clad Unremarkable example of the species	C12	3
64	English Oak	540 oi	12.5m	6.5	4	4	7		4.5	4	Early Mature	Average	Indifferent	Partially Ivy clad Canopy biased to the northwest	B2	6.6
65	Sycamore	210 370 300 oi	12m	5	6.5	6	5		3.5	4	Early Mature	Average	Indifferent	Partially Ivy clad Multi stemmed from ground level	C12	6.3
66	Ash	390 oi	13.5m	4.5	5.25	5	6		4.5	4.5	Early Mature	Average	Indifferent	Partially Ivy clad Unremarkable example of the species	C12	4.8
67	English Oak	460 oi	9m	5.25	11.5	3	0		6	6	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Significant lean and canopy biased to the east	C12	5.4
68	Sycamore	260 oi	11.5m	3.5	5.5	3	2.5		2.5	2.5	Semi Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Unremarkable example of the species	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								
69	Sycamore	290 oi	10.5m	6	5.5	4.5	4.5		5	5	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Unremarkable example of the species	C12	3.6
70	English Oak	600 oi	10m	5.5	4	4.75	4.5		5	5	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Die back to upper canopy Above average internal deadwood	C12	7.2
71	English Oak	470 oi	9.5m					1			Early Mature	Dead	Hazardous	Standing deadwood	U	N/A
72	Ash	220 250 370 oi	12.5m					5	2.5	2	Early Mature	Average	Poor	Ivy clad, unable to thoroughly inspect Multi stemmed from ground level Squat canopy form Flail damage to the western aspect of the canopy up to c.3m	C12	6
73	Ash	370 oi	15.5m	4.25	4	5.25	6		5.5	5	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Structure typical for the species within current context Scaffold structure biased to the south west	C12	4.5
74	Ash	310 oi	16.5m	5	3	2.5	6		7	10	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Scaffold structure biased to the northwest Slight lean to the north Cohesive with T75	C12	3.6
75	Sycamore	510 oi	16m	5.75	4	5	4.25		5.5	4.5	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Cohesive with T74 Low arboricultural quality	C12	6
76	Ash	290 oi	11.5m	5	5	4	2		4	5	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Slight lean to the east Unremarkable example of the species	C12	3.6
77	Ash	220 oi	12.5m	3.5	7	5.25	2.25		5.5	6.5	Semi Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Canopy biased to the east Slight lean to the east	C12	2.7
78	Ash	330 oi	14m	3	2	5	7		6	7	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Structure typical for the species within current context Canopy biased to the west	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								
79	Ash	450 oi	12.5m	7.5	6	6	7.75		2	7	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Canopy slightly sparse at time of survey Unremarkable example of the species	C12	5.4
80	English Oak											Dead	Hazardous	Fallen deadwood hung up within neighbouring companion	U	N/A
81	English Oak	570 oi	11.5m	6.75	8	5	2		4	3.75	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Cohesive with T82 Moderate example of the species whilst maturing	B12	6.9
82	Ash	350 oi	11.5m	7	3.5	5.5	6.75		4.5	5	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Cohesive with T81 Average internal deadwood	C12	4.2
83	Ash	440 oi	11m					5	3	4	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Structure typical for the species within current context	C12	5.4
84	English Oak	550 oi	8.5m	2.5	3.5	4	1		6	5	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Squat canopy form Unremarkable example of the species	C12	6.6
85	English Oak	720 oi	8m	6.5	3.5	6	5		4	4	Mature	Average	Poor	Ivy clad, unable to thoroughly inspect Squat canopy form Die back to upper canopy	C12	8.7
86	English Oak	620 oi	7.5m	5	6.5	3	0		3	3	Early Mature	Below Average	Poor	Ivy clad, unable to thoroughly inspect Die back to upper canopy Reduced future potential	C12	7.5
87	Sycamore	370 oi	13.5m	3.75	2	3	4		5	6	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Cohesive with T88 Unremarkable example of the species	C12	4.5
88	Sycamore	390 oi	13.5m	3.5	1.5	2.75	4.5		6	6	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Cohesive with T87 Bifurcates from c.3m	C12	4.8
89	English Oak	470 oi	7.5m					1.5			Early Mature	Below Average	Hazardous	Ivy clad, unable to thoroughly inspect 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								
90	English Oak	630 oi	11.5m	5.5	4.25	4.5	5.5		0.5	0.5	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Squat canopy form Well balanced canopy	B2	7.5
91	Sycamore	360 oi	12.5m	5.5	3.5	6	6		4.5	5	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Unremarkable example of the species	C12	4.2
92	Sycamore	330 oi	13m	4.5	2.5	1	2.5		2.5	2.5	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Structure appears typical for species within current context Unremarkable example of the species	C12	3.9
93	Sycamore	290 oi	13.5m					4.5	2	2	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Structure appears typical for species within current context Unremarkable example of the species	C12	3.6
94	Sycamore	290 oi	13.5m	4	6	2	3		4	4	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Structure appears typical for species within current context Unremarkable example of the species	C12	3.6
95	English Oak	360 oi	7.5m	3	9.5	1	0		3	3	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Canopy biased to the east	C12	4.2
96	Field Maple											Dead		Fallen deadwood	U	N/A
97	Sycamore	290	12m	4.5	5	2.5	2		3.5	4	Early Mature	Average	Indifferent	Scaffold structure biased to the east Unremarkable example of species	C12	3.6
98	Sycamore	380	14m	3.5	2.5	5.5	4		3	4	Early Mature	Average	Indifferent	Leans to the south Low arboricultural quality	C12	4.5
99	Field Maple	420 oi	11m	3.25	4.25	4	4.5		2.25	3	Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Canopy appears sparse at time of survey	C12	5.1
100	English Oak	420 oi	11m	5.5	8.75	4.5	3		4.5	4.5	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Canopy biased to the east Establishing epicormic growth on stem	C12	5.1
101	Sycamore	550 oi	14.5m	7.25	4.25	5.75	5.25		1.5	1.5	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Cohesive with T102 and T103 Unremarkable example of the species	C12	6.6

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								
102	Sycamore	480 oi	15m	6.75	5	5	4.5		4	4	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Cohesive with T101 and T103 Unremarkable example of the species	C12	5.7
103	Sycamore	910 oi	17m	9	10.5	7	8.5		2.5	3	Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Bifurcates from c.1.75m Average internal deadwood	B2	10.8
104	Ash	460 480 oi	16m	7	6	7.75	5		1.75	6	Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Die back present to western aspect of canopy	C12	8.1*
105	Sycamore	380 oi	13.5m	4.75	5.5	5.75	4.75		6.5	1.75	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Structure appears typical for the species within current context	C12	4.5
106	Sycamore	360 oi	10m	2.5	3.5	3.75	4.75		0.5	2	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Sub dominant limb from c.1m Structure appears typical for the species within current context	C12	4.2
107	Sycamore	440 oi	11m	2.5	2.5	3.5	5		0.5	1	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Sub dominant limb from c.0.5m Structure appears typical for the species within current context	C12	5.4
108	Sycamore	390 oi	12.5m					4	2.5	3	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Well balanced scaffold structure and radial canopy	B2	4.8
109	Sycamore	330 oi	11.5m	4	6.5#	3.5	2.5		6	6.5	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Canopy biased to the east	C12	3.9
110	Sycamore	430 oi	14m					7	3	7	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Well balanced scaffold structure and radial canopy	B2	5.1
111	English Oak	460 oi	14m					7.5	8	8	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Average internal deadwood Well balanced scaffold structure and radial canopy Minor epicormic growth	B2	5.4

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								
112	Sycamore	420 oi	12m	4.75	3.75	5.5	8		0.5	3	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Structure appears typical for species within current context Unremarkable example of species	C12	5.1
113	Sycamore											Dead		Fallen deadwood	U	N/A
114	English Oak	700 oi	16.5m	3	5	8.25	8		5	4	Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Flail management on western side up to c.3m	B2	8.4
115	Sycamore	350 oi	14m	3	4	4	1.5		1.75	4	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Structure appears typical for species within current context Unremarkable example of the species	C12	4.2
116	Sycamore	340 oi	13.5m	5	4	3.5	1.5		2	2	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Structure appears typical for species within current context Unremarkable example of the species	C12	4.2
117	Sycamore	240 200 oi	11m	4	1	2	5		3	4	Semi Mature	Below Average	Poor	Ivy clad, unable to thoroughly inspect Significant lean to the west Large pocket of decay present within bole, anticipate future structural failure	U	N/A
118	English Oak	380 oi	5m	3	0	1	4		2.5	2.5	Early Mature	Average	Poor	Ivy clad, unable to thoroughly inspect Squat canopy form biased to the west	C12	4.5
119	English Oak	600 oi	13m	5.75	11	5	1		5	4	Early Mature	Average	Poor	Ivy clad, unable to thoroughly inspect Canopy biased to the east Establishing epicormic growth throughout	C12	7.2
120	Beech	400 oi	10m	6	4	5	8		5	4	Early Mature	Average	Poor	Ivy clad, unable to thoroughly inspect Failed co- dominant remnants on ground Poorly structured scaffold	C12	4.8
121	Sycamore	300 oi	9m	3	3	3	1.5		3.5	4	Early Mature	Below Average	Poor	In a state of terminal decline	U	N/A
122	Sycamore	290 oi	8.5m					4.5	2.5	4	Early Mature	Below Average	Poor	Ivy clad, unable to thoroughly inspect Die back throughout canopy	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								
123	Sycamore	440 oi	14m	3.5	3	3.5	5		4	5	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Scaffold structure biased to the west	C12	5.4
124	English Oak	410 oi	12.5m	3	8	3.5	0		7	8	Early Mature	Below Average	Poor	Ivy clad, unable to thoroughly inspect Leans to the east Establishing epicormic growth on scaffold structure Above average internal deadwood	C12	4.8
125	Sycamore	540 oi	12m	4	6	5.5	3.75		6	6	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Scaffold biased to the east Unremarkable example of species	C12	6.6*
126	English Oak	800#	4m								Mature	Dead	Hazardous	Standing deadwood	U	N/A
127	Sycamore	410 oi	14m	2.5	4.75	6	5		2.5	3	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Structure typical for the species within current context Unremarkable example of the species	C12	4.8
128	Sycamore	360 oi	12m					4	7	8	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Unremarkable example of species	C12	4.2
129	English Oak	340	7m								Early Mature	Dead	Hazardous	Standing deadwood	U	N/A
130	Sycamore	300 oi	11.5m	2.75	3.5	2.5	3		5	5.5	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Unremarkable example of species	C12	3.6
131	English Oak	620 oi	14m	6	2.5	4	4		6	6	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Unbalanced form Unremarkable example of the species	C12	7.5
132	Sycamore	390 oi	15m	4.25	3	2.5	5.5		1.5	1.5	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Unremarkable example of species	C12	4.8
133	English Oak	610 oi	12.5m	7	8	4	4		6	6	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Major limb failure to east canopy Low arboricultural quality	C12	7.2
134	Beech	500 220 oi	17m	6.5	8.5	6	5.5		6	7	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Bifurcates from c.0.5m	B2	6.6*

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								
135	English Oak	430 oi	5.5m	2	1	1	4		5	6	Early Mature	Below Average	Poor	Ivy clad, unable to thoroughly inspect Die back throughout reduced future potential	C12	5.1
136	Ash	540 oi	13m	3	5	8	5		6	6	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Canopy appears sparse at time of survey	C12	6.6*
137	English Oak	400 oi	10m	2	1	1	4		6	6	Early Mature	Below Average	Poor	Ivy clad, unable to thoroughly inspect Unremarkable example of species	C12	4.8
138	Sycamore	360 oi	11.5m	2.5	1.5	3.5	5		5	5	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Unbalanced form	C12	4.2*
139	English Oak	810 oi	17m	5.75	11	6.5	7.5		4.5	5	Mature	Average	Good	Ivy clad, unable to thoroughly inspect Average internal deadwood Moderate example of the species at maturity	B12	9.6*
140	English Oak	520 oi	9m								Early Mature	Dead	Hazardous	Standing deadwood	U	N/A
141	Ash	330 oi	15m					4	6	6	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Unremarkable example of species	C12	3.9
142	Ash	340 oi	15.5m					5	6	6	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Unremarkable example of species	C12	4.2
143	Ash	290 oi	14.5m					4	5	3	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Unremarkable example of species	C12	3.6
144	Ash	310 oi	14.5m	4.75	4.5	3.5	5.5		5	5	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Unremarkable example of species	C12	3.6
145	Sycamore	480 oi	13m	6	3	5	6		4	4	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Cohesive with T146	B2	5.7
146	Sycamore	700 oi	17m	9	4	6	8		3	3	Mature	Average	indifferent	Ivy clad, unable to thoroughly inspect Cohesive with T145	B2	8.4
147	Sycamore	380 oi	12m	2.5	5	2.5	2.5		1.5	1.5	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Scaffold structure biased to the east	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								
148	Ash	480 oi	14.5m	5	3.5	5	4		2.5	4	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Structure appears typical for species within current context	C12	5.7
149	English Oak	520 oi	11m	3	3.5	7	3		5	5	Early Mature	Average	Poor	Ivy clad, therefore unable to thoroughly inspect Canopy biased to the south Unremarkable example of species	C12	6.3
150	English Oak	560 oi	9.5m					4	1.5	1	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Squat canopy form Average internal deadwood	C12	6.6
151	English Oak	780 oi	13.5m	7	6.5	7	5.25		5	5	Mature	Below Average	Indifferent	Ivy clad, unable to thoroughly inspect Slight lean to the east Sparse upper crown Average internal deadwood	B2	9.3*
152	Ash	490 500 oi	15.5m	6	5.5	9	5		5	5	Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Bifurcates from c.1.25m Structure appears typical for species within current context	B2	8.4
153	English Oak	620 oi	9.5m	3	11	4.5	1		5	5	Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Canopy biased to the east	C12	7.5*
154	English Oak	500 oi	10m					5	4	4	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Slight lean to the east Structure appears typical for species within current context Radial canopy	C12	6
155	Ash	440 oi	13m	4.75	3.5	4.5	3.5		3	3	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Fairly radial canopy Structure typical for the species within current context	B2	5.4
156	English Oak	560 oi	12m					6.5	3.5	4	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Radial canopy Structure typical for the species within current context	B2	6.6
157	English Oak	580 oi	8m					5	2	2	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Radial canopy Structure typical for the species within current context	B2	6.9
158	English Oak	650 oi	10.5m					6	1	1	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Radial canopy Structure typical for the species within current context	B2	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								
159	Field Maple	340 oi	8.5m					4.5	1.5	1.5	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Unremarkable example of species	C12	4.2
160	English Oak	510 oi	9.5m	1	5	4.5	2.5		4	6	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Die back to the west, north and south aspects of canopy Slight lean to the east	C12	6
161	English Oak	310 oi	9m					1	4	4	Early Mature	Below Average	Poor	Ivy clad, unable to thoroughly inspect Significant die back throughout canopy Limited future potential	U	N/A
162	Sycamore	590 oi	15m	9	7	5.75	6.5		4	3.5	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Bifurcates from c.4.5m Structure appears typical for species within current context	B2	7.2
163	Field Maple	5*280 oi	11m	4.75	7.25	3	4		3	3	Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Multi stemmed from ground level Structure appears typical for species within current context	B2	7.5*
164	English Oak	520 oi	11.5m	6.25	5.25	5.5	5.5		4.5	4.5	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Fairly radial canopy Structure appears typical for species within current context	B2	6.3
165	English Oak	680 oi	9m	0.5	2.5	7	6		2	1.5	Mature	Below Average	Poor	Ivy clad, unable to thoroughly inspect Die back to upper canopy Lower canopy has over extended lateral growth to the south Low arboricultural quality	C12	8.1
166	Sycamore	420 oi	14m	6	6.5	4.5	7		2	2	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Canopy appears sparse at time of survey Average internal deadwood	C12	5.1
167	Field Maple	320	7.5m					1.5	4	6	Early Mature	Below Average	Poor	Sparse canopy at the time of survey Failed co-dominant stem Unremarkable example of species	C12	3.9
168	Sycamore	380 oi	13m	4.5	5	5.5	5		3	4	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Unremarkable example of species	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								
169	Field Maple	250 240 410 oi	9m					4	5	6	Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Sparse canopy at time of survey Structure appears typical for species within current context	C12	6.3*
170	Sycamore	330 oi	12.5m	3.5	5	6	5		6.5	7	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Unremarkable example of species	C12	3.9
171	English Oak	710	12m	2	5	6.75	8		4	5	Mature	Average	Poor	Suppressed by companion T172 Canopy biased to the southwest Unremarkable example of species	C12	8.4
172	Sycamore	690 oi	16m	7.5	5	6.5	8.5		3.5	2	Mature	Average	Good	Ivy clad, unable to thoroughly inspect Structure appears typical for species within current context Fairly radial canopy	B2	8.4
173	Sycamore	450 oi	14.5m	5	5	3.5	3		5	6	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Unremarkable example of species	C12	5.4
174	Sycamore	400 oi	15m	3.5	3	4	4		5	7	Early Mature	Average	Indifferent	Ivy clad, therefore unable to thoroughly inspect Structure appears typical for species within current context Unremarkable example of species	C12	4.8
175	English Oak	550 oi	11m	2.5	10	5	2		4.5	5	Early Mature	Average	Poor	Ivy clad, unable to thoroughly inspect Canopy biased to the east Slight lean to the east	C12	6.6
176	Sycamore	200 270	9m	2.5	2.5	4.5	3		2	2	Early Mature	Average	Indifferent	Structure appears typical for species within current context Unremarkable example of species	C12	3.9*
177	English Oak	380 oi	10.5m	5	3.5	6.5	4.5		1	2	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Structure appears typical for species within current context Unremarkable example of species	C12	4.5
178	English Oak	400 oi	14m					4	4.5	7	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Unremarkable example of species	C12	4.8
179	Sycamore	320 oi	13.5m	4.5	7	2.5	2.5		5	5	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Canopy biased to the east Low arboricultural quality	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								
180	Sycamore	590 oi	16.5m	4.5	6	4.75	5		4	4	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Fairly radial canopy	B2	7.2
181	English Oak	370 oi	13m	7	2.5	6	6.5		4	4	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Unremarkable example of species	C12	4.5
182	Field Maple	420 oi	8m					4.5	3.5	4	Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Unremarkable example of species	C12	5.1
183	English Oak	470 oi	10.5m	4	4	4.5	4		4	6	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Cohesive with companion with T184 Unremarkable example of species	C12	5.7
184	English Oak	630 oi	10m	6	5	6	3		6	6	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Cohesive with companion T183 Unremarkable example of the species	C12	7.5
185	Yew	280#	6.5m	5	5	6.5	3		0.5	0.5	Semi Mature	Average	Indifferent	Significant lean to the east Unremarkable example of species	C12	3.3
186	English Oak	660 oi	15m	7	6	8	8		5	5	Early Mature	Below Average	Indifferent	Ivy clad, unable to thoroughly inspect Slightly sparse canopy at time of survey Structure appears typical for species within current context	B2	7.8
187	English Oak	630 oi	9m	6	3.75	2.5	8.5		6	2.25	Early Mature	Below Average	Poor	Ivy clad, unable to thoroughly inspect Squat canopy form Canopy biased to the west	C12	7.5
188	English Oak	600 oi	6.5m	1.5	2	8.5	4		3	3	Early Mature	Below Average	Poor	Ivy clad, unable to thoroughly inspect Squat canopy form Canopy biased to the south	C12	7.2
189	English Oak	360 oi	7m	4.75	2.5	1.5	2.75		4	4	Early Mature	Below Average	Poor	Ivy clad, unable to thoroughly inspect Squat canopy form Canopy biased to the north Establishing epicormic growth on stem	C12	4.2
190	Ash	560 oi	12m	7	7#	6.75	4		2.75	4	Early Mature	Average	Poor	Ivy clad, unable to thoroughly inspect Unbalanced form Unremarkable example of species	C12	6.6*
191	Beech	310 oi	11m	2	3	3	2.5		2	2	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Cohesive with companion T192 Unremarkable example of species	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								
192	English Oak	360 oi	11.5m	1	4	2	2		6	6	Early Mature	Average	Poor	Ivy clad, unable to thoroughly inspect Cohesive with companion T191 Poor scaffold structure	C12	4.2
193	English Oak	490 oi	7m								Early Mature	Dead	Hazardous	Standing deadwood	U	N/A
194	English Oak	490 oi	8.5m	0	0	2	3		5	6	Early Mature	Below Average	Poor	Ivy clad, unable to thoroughly inspect Leans to the west Die back to upper canopy	C12	6
195	Sycamore	330 oi	13m					5	2.5	2.5	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Unremarkable example of species	C12	3.9
196	English Oak	440 oi	7m								Early Mature	Dead	Hazardous	Standing Deadwood	U	N/A
197	English Oak	900 oi	18.5m	7.5	6	10	6.5		3	4	Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Establishing epicormic growth on scaffold structure Forming lower secondary canopy	B2	10.8
198	English Oak	500 oi									Early Mature	Dead	Hazardous	Fallen deadwood	U	N/A
199	English Oak	490 oi	12m	4.5	11	2.5	2.75		4	4	Early Mature	Average	Poor	Ivy clad, unable to thoroughly inspect Leans to the east Canopy and scaffold structure biased to the east	C12	6
200	Field Maple	4*190 oi	12m	1.5	4	3	2.5		0.5	0.5	Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Canopy biased to the east Multi stemmed from ground level	C12	4.5*
201	Sycamore	300#	12.5m	2.75	3.5	2	3.25		2.5	2.5	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Unremarkable example of species	C12	3.6*
202	English Oak	690 oi	9m					6	6	6	Mature	Below Average	Poor	Ivy clad, unable to thoroughly inspect Average internal deadwood Die back throughout canopy Epicormic growth on scaffold structure	C12	8.4*
203	Sycamore	390 oi	12.5m	6	6	5	6.5		3	4	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Structure appears typical for species within current context Unremarkable example of species	C12	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								
204	English Oak	450#	7m					4	2	2	Early Mature	Average	Indifferent	Squat canopy form Average internal deadwood Unremarkable example of species	C12	5.4
205	English Oak	400#									Early Mature	Dead	Hazardous	Fallen deadwood	U	N/A
206	English Oak	570 oi	13m					6.5	5	4	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Balanced radial canopy Moderate example of species whilst maturing	B12	6.9
207	English Oak											Dead		Fallen deadwood	U	N/A
208	English Oak	800 oi	16.5m	6	12	5.5	5.25		5	8	Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Canopy and scaffold structure biased to the east Major limb failures throughout canopy	C12	9.6*
209	Beech	420 oi	14m	5	5	6	4		5	5	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Well balanced canopy Structure appears typical for species within current context	B2	5.1
210	Sycamore	450#	10m					5	5	5	Early Mature	Below Average	Indifferent	Ivy clad, unable to thoroughly inspect Die back to upper canopy Unremarkable example of species	C12	5.4
211	Sycamore	770 oi	16m	5.5	6.5	7	7		2.5	2.5	Mature	Below Average	Poor	Ivy clad, unable to thoroughly inspect Above average large diameter internal deadwood Die back present throughout canopy Limited future potential, entering a state of terminal decline	U	N/A
212	English Oak	390 oi	6.5m	3	0	3	4.5		5	5	Early Mature	Below Average	Poor	Ivy clad, unable to thoroughly inspect Canopy biased to the west Die back to upper canopy	C12	4.8
213	Sycamore	495	11m								Early Mature	Dead	Hazardous	Standing deadwood	U	N/A
214	English Oak	320 390									Early Mature	Dead	Hazardous	Fallen deadwood	U	N/A
215	Sycamore	630 oi	13.5m					4	4	4	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Unremarkable example of species	C12	7.5

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								
216	Sycamore	620 oi	15m	6.5	9.5	7	2.5		2.25	2.5	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Minor die back to western aspect of canopy Structure appears typical for species within current context	B2	7.5
217	Ash	600 420#	17m	8	8	9	6		7	8	Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Well balanced canopy Structure appears typical for species within current context	B2	8.7*
218	Sycamore	430 oi	11m	3.5	4.5	6	5		1.75	1.75	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Unremarkable example of species	C12	5.1
219	English Oak	440 oi	12.5m	6	5.5	6.75	7.5		4.5	2.5	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Average internal deadwood Unremarkable example of species	C12	5.4
220	English Oak	480 oi	11.5m	3.5	5	2.5	2		3	4	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Structure appears typical for species within current context Unremarkable example of species	C12	5.7
221	Sycamore	580 oi	14m	6.5	7	10	6		2	2	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Die back to upper canopy Canopy appears sparse at time of the survey Average internal deadwood Low arboricultural quality	C12	6.9
222	Sycamore	270 280 200 oi	13.5m	4.5	5.5	5	3		2.5	2.5	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Multi stemmed from ground level Slight lean to the east Unremarkable example of species	C12	5.1*
223	English Oak	640 oi	16.5m	5.75	3	5.75	11		7	6	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Scaffold structure biased to the west Above average internal deadwood	B2	7.8
224	English Oak	730 oi	15.5m	10.25	10	12	6.5		6	8	Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Well balanced scaffold structure Establishing epicormic growth on stem Average internal deadwood	B2	8.7
225	English Oak	820	17m	7	4.5	4.5	9		8	8	Mature	Average	Indifferent	Structure appears typical for species within current context Large deadwood accumulations within the canopy	B2	9.9*

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								
226	English Oak	620	13m	7.5	6	8	5.5		5	3	Early Mature	Average	Indifferent	Large over extended sub dominant limb orientated to the south Establishing epicormic growth on stem and throughout scaffold structure Overhead utility cables run through canopy Habitat burrow within c.3m of bole	B2	7.5
227	English Oak	620 oi	14.5m					5.75	6	6	Early Mature	Average	Indifferent	Partially Ivy clad Canopy slightly sparse at time of the survey Above average internal deadwood Establishing epicormic growth on stem and scaffold structure	B2	7.5
228	English Oak	710 oi	12.5m	4.75	5.5	6	4.5		5	4	Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Bifurcates from c.4.5m Establishing epicormic growth on stem and the scaffold structure Above average internal deadwood	B2	8.4
229	English Oak	490 oi	13m					4	6	5	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Canopy slightly sparse at time of the survey	B2	6
230	English Oak	500 oi	12.5m	5.25	6	6.75	5.25		8	8	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Canopy slightly sparse at time of the survey Establishing epicormic growth on stem and Scaffold structure	B2	6
231	English Oak	820 oi	13m	11	8.5	7	8.5		4.5	4.5	Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Above average internal deadwood Metal fencing cable enveloped by stem at c.2m	B2	9.9
232	English Oak	660 oi	14m					6.5	4.5	5	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Balanced radial canopy Bifurcates from c.2m	B2	7.8
233	English Oak	670 oi	12m	6	8	10.5	6.5		3	4	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Canopy slightly sparse at time of the survey	B2	8.1
234	English Oak	470 oi	8m								Early Mature	Dead	Hazardous	Standing deadwood	U	N/A
235	English Oak	650#	10m					5	7	7	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Base inaccessible due to the dense understory Slightly sparse at time of the survey	B2	7.8
236	English Oak	460 oi	9.5m								Early Mature	Dead	Hazardous	Standing deadwood	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								
237	English Oak	580 oi	10.5m	6	5	2.5	4.5		3	3	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Bifurcates from c.2m Squat canopy form	B2	6.9
238	English Oak	670 oi	10.5m	8.5	5	8.5	6		1	1	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Fairly radial canopy Established epicormic growth Forms lower secondary canopy	B2	8.1
239	English Oak	790 oi	12m	7.5	9.5	9	8		6	6	Mature	Above Average	Good	Ivy clad, unable to thoroughly inspect Well balanced scaffold structure and canopy Good example of species at maturity	A12	9.6*
240	English Oak	390 oi	8m	3.5	4.5	8	3.5		2	2	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Canopy biased to the south	B2	4.8
241	English Oak	800 oi									Mature	Dead	Hazardous	Fallen deadwood	U	N/A
242	English Oak	690 oi	14m	5.5	4.5	11	6		4	4	Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Leans to the south Scaffold structure biased to the south Above average internal deadwood	B2	8.4
243	Sycamore	420 430 550 600 #	18m					9	4	4	Mature	Below average	Hazardous	Ivy clad, unable to thoroughly inspect Multiple co-dominant stems from c.1m Failed stem to the west, north , and the south leaving large wounding within the bole Further splits forming from the main union at c.1m Hazardous structural condition, anticipate further failures	U	N/A
244	English Oak	490 oi	13m	1	1.5	7.5	6		5.5	5	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Leans to the south Scaffold structure and canopy biased to the south	B2	6
245	Field maple	520 oi	9m	4	3	6.5	4.5		0.5	0.5	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Structure appears typical for the species within the current context Bifurcates from c.2m	B2	6.3
246	English Oak	750 oi	15.5m	7	6	7.5	7		9	9	Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Well balanced canopy Above average internal deadwood Sparse canopy at time of the survey	B2	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								
247	Sycamore	730 oi	17m	6	4	8	5		1	1	Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Basal epicormic growth Structure appears typical for the species within current context Canopy appears sparse at time of the survey	B2	8.7
248	Sycamore	670 oi	18.5m	7	6.5	10.5	6		0.5	0.5	Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Establishing epicormic growth on stem Structure appears typical for the species within current context	B12	8.1
249	Sycamore	1100#	16.5m					5	4	4	Mature	Average	Indifferent	Inaccessible, base obscured by dense understory Ivy clad, unable to thoroughly inspect Sparse canopy at time of the survey Cavity within the bole Leans to the northwest	B2	13.2
250	Sycamore	1150 oi	23m	8	7	8.5	9		2	2	Mature	Above Average	Good	Ivy clad, unable to thoroughly inspect Well balanced scaffold structure and canopy Structure typical for the species within current context Good example of the species at maturity	A12	13.8
251	Sycamore	590 oi	18m	4.75	6	5	5.25		1	1	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Slight lean to the east Structure appears typical for the species	B2	7.2
252	Sycamore	1370 oi	24m	14	7	11.5	8		0.5	0.5	Mature	Above Average	Good	Ivy severed at base now regenerating Structure typical for the species within current context 4no co-dominant stems from c.1.5m Good example of the species at maturity	A12	15*
253	Sycamore	840 oi	16m	10.5	12.5	6.5	6		4	4	Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Over extended sub-dominant limb orientated to the east at c. 4m	B2	10.2
254	Ash	510 oi	11.5m	6.5	11	7	5		6	6	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Canopy biased to the east Structure appears typical for the species within current context Average internal deadwood	B2	6
255	Sycamore	790 630 oi	16.5m	6.5	9	9	9.5		5	5	Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Bifurcates from c.1m	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								
256	Sycamore	530 380 oi	11m	4	6	5.5	2.5		4	4	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Bifurcates from c.0.5m	B2	7.8
257	Sycamore	650 oi	15.5m	6	4.75	6.5	6.5		3	3	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Basal epicormic growth Slight lean to the north	B2	7.8
258	English Oak	670 oi	13.5m	3	5	9.5	3		6	6	Early Mature	Average	Indifferent	Scaffold structure biased to the south Slight lean to the south Basal epicormic growth	B2	8.1
259	English Oak	800 oi	16.5m	3	4	13.5	6		8	9	Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Canopy biased to the southwest Above average internal deadwood	B2	9.6
260	English Oak	600 oi	11m	7.25	2.5	7	8.75		5	4	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Canopy biased to the southwest Structure appears typical for the species within current context Squat canopy form	B2	7.2
261	English Oak	850#	9m	4.25	4.25	5	4.25		2.5	2	Mature	Average	Poor	Ivy clad, unable to thoroughly inspect Well balanced squat canopy form Secondary limb failure at c.4m within the western aspect longitudinal split forming down to ground level	B2	10.2
262	English Oak	900#	9m	6	7	7.5	4.25		2	2	Mature	Below Average	Poor	Major deadwood accumulations throughout Wildlife box within union at c.5m Squat canopy form Established epicormic growth forms lower secondary canopy	C12	10.8
263	English Oak	400#	6.5m	1.5	2	4.5	3		2.5	1.5	Early Mature	Below Average	Poor	Major stem failures at c.3m and c.5m Established epicormic growth forms lower secondary canopy	C12	4.8
264	English Oak	1100#	13m	8.75	8#	9	7.5		3	1.75	Mature	Average	Poor	Major limb failure to the southern aspect at c.7m Structure appears typical for the species within current context Above average internal deadwood Well balanced canopy	B2	13.2
265	English Oak	900#	10m	5.75	5#	3.75	4.5		3	1.5	Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Structure appears typical for the species within current context Above average internal deadwood	B2	10.8

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								
266	English Oak	700#	7m					4.5	2.5	2	Mature	Below Average	Poor	Ivy clad, unable to thoroughly inspect Squat canopy form Above average internal deadwood	C12	8.4
267	English Oak	650#	7.5m					5	3	3	Early Mature	Average	Poor	Ivy clad, unable to thoroughly inspect Squat, radial canopy form Structure appears typical for the species within current context Above average internal deadwood	B2	7.8
268	Ash	3*320 2*120 #	14m					6	3	1.5	Early Mature	Average	Poor	Ivy clad, unable to thoroughly inspect Multi stemmed from c.0.5m Established within hedgerow, base inaccessible Above average internal deadwood	B2	6.9
269	Norway Maple	500 oi	8m	6	5	5.75	6.25		1	0.5	Mature	Average	Poor	Ivy clad, unable to thoroughly inspect Die back to southern canopy Above average internal deadwood Establishing epicormic growth on stem	C12	6
270	Ash	450 oi	11.5m	5.75	6.5	6	5.5#		2.5	2	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Bifurcates from c.1.5m Fairly radial canopy Average internal deadwood	C12	5.4
271	Norway Maple	510 oi	9.5m	7	7.25	8	7.5#		3	5	Mature	Average	Poor	Partially Ivy clad Structure typical for the species within current context Leans to the east	C12	6
272	Ash	2*160#	7m					3.5	2	1.5	Semi Mature	Below Average	Poor	Inaccessible, established within hedgerow Low arboricultural quality	C12	2.7
273	Norway Maple	2*180#	6.5m					3	2	2	Semi Mature	Average	Poor	Inaccessible, established within hedgerow Low arboricultural quality	C12	3
274	Ash	160 200 #	7m					3	3	3	Semi Mature	Average	Poor	Inaccessible, established within hedgerow Low arboricultural quality	C12	3
275	Norway Maple	280#	6.5m					3	2.5	2.5	Early Mature	Average	Poor	Inaccessible, established within hedgerow Low arboricultural quality	C12	3.3
276	Ash	180#	6m					2	2	2	Semi Mature	Average	Indifferent	Inaccessible, established within hedgerow Low arboricultural quality	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								
277	Field maple	170 150 3*110 #	7m					4	0.5	0.5	Early Mature	Average	Poor	Inaccessible, established within hedgerow Multi stemmed from c.0.5m Lapsed layed hedgerow component Low arboricultural quality	C12	3.6
278	Norway Maple													Previously removed		
279	English Oak	800#	7m					5.5	2	3	Mature	Average	Poor	Clad and obscured by dense Ivy, unable to thoroughly inspect Squat canopy form Above average internal deadwood	C12	9.6
280	Ash	2*170 120 #	8m					4	3	3	Semi Mature	Average	Poor	Inaccessible, established within hedgerow Low arboricultural quality	C12	3.3
281	Elm	200#	6.5m					2	2	2	Semi Mature	Below Average	Poor	Showing signs of Dutch Elm Disease Limited future potential	U	N/A
282	Elm	200#	8m					2	2	2	Semi Mature	Below Average	Poor	Showing signs of Dutch Elm Disease Limited future potential	U	N/A
283	Ash	7*400 3*210 oi	19.5m					10	1.5	1.5	Mature	Average	Poor	Severed Ivy on the main stem now regenerating Lapsed coppice stool Average internal deadwood Radial canopy Prominent feature likely to be visible for moderate distances	B2	12.9*
284	Ash	360 390 oi	14m	6.5	5.75	8.75	8.75		4	2.5	Early Mature	Average	Indifferent	Partially Ivy clad Bifurcates from c.0.25m Cohesive with T285 Habitat burrows within c.1m of bole	B2	6.3
285	Scots pine	330 oi	6.5m	3.5	5.5	6.5	0		4	4	Early Mature	Below Average	Poor	Canopy biased to the south Heavily supressed by T284 Habitat burrows within c.1m of bole Sparse canopy at time of the survey	C12	3.9
286	Ash	460 oi	13m	6.5	7	7.5	7		3	2.5	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Well balanced canopy Structure appears typical for species within current context	B2	5.4
287	Sycamore	900 oi	14.5m	5.5	8	8.5	8		0.5	0.5	Mature	Average	Poor	Ivy clad, unable to thoroughly inspect Structure appears typical for species within current context Basal epicormic growth	B2	10.8

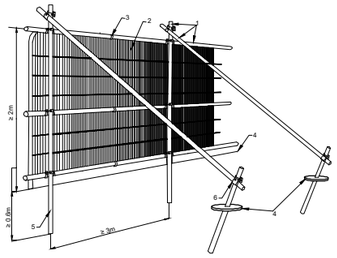
Tree Number	Common Species Name	Trunk Diameter (mm)	Height (m)	Crown Spread (m) N	E	S	W	Radial	First Significant Branch (m)	Crown Clearance (m)	Life Stage	Physiological Condition	Structural Condition	Comments	BS5837 Category	RPA Radius (m)
288	Hawthorn	200#	4.5m					2.5	0.5	0.5	Early Mature	Below Average	Poor	Clad and obscured by dense Ivy, unable to thoroughly inspect Low arboricultural quality	C12	2.4
289	Sycamore	600#	12m					7	0.5	0.5	Early Mature	Average	Poor	Clad and obscured by vines and other dense understory elements, unable to thoroughly inspect Habitat burrows within c.2m of bole	B2	7.2
G1	English Oak Sycamore Field Maple Ash Hawthorn Elm Hazel Elder Blackthorn Damson	350 max 300 av	15m max 12m av					6 max 4 av	0.5 to 5	0.5 to 6	Young to Early mature	Below Average to Average	Poor to Indifferent	Woodland belt established along sites eastern boundary Understory group providing screen of adjacent highway Predominantly clad and obscured by Ivy Structures appear typical for the species within current context	B2	4.2 max 3.6 av
G2	English Oak Sycamore Field Maple Ash Hawthorn Elm Hazel Elder Blackthorn	450 max 350 av	18m max 14m av					9 max 6 av	0.5 to 7	0.5 to 7	Young to mature	Below Average to Average	Poor to Indifferent	Woodland belt established along sites northern boundary Provides screen of adjacent highway Predominantly clad and obscured by Ivy Structures appear typical for the species within current context	B2	5.4 max 4.2 av
G3	Ash Sycamore Hazel English Oak Elm Filed Maple Hawthorn Damson	600 max 250 av	11m max 9m av					7.5 max 4 av	4 av	4 av	Semi Mature to Early Mature	Average	Indifferent	Established linear boundary collection Flail management to the eastern aspect up to c.3m Filters views to the west Structures appear typical for the species within current context	B2	7.2 max 3 av
G4	Sycamore	3*300 5*250 #	15m max					7 av	4 av	3 av	Early mature	Average	Indifferent	Inaccessible collection established within hedgerow, unable to measure or thoroughly inspect Structures appear typical for the species within the current context	C12	9
G5	Ash Silver Birch	470 max	11.5m max					6 av	3 av	2.5 av	Early Mature	Average	Indifferent	Ivy clad, unable to thoroughly inspect Structures appears typical for the species within the current context Cohesive canopies	C12	5.7
G6	Ash Norway Maple	640 max 370 av	16.5m max 14m av					7 max	5 av	4 av	Early Mature to Mature	Average	Indifferent	Structures appear typical for the species within the current context Cohesive canopies	B2	7.8 max 4.5 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)
G7	English Oak	170 max	5m max					4.5 max 2 av	2 av	2 av	Semi Mature	Average	Indifferent	Low arboricultural value, readily replaced at current age	C12	2.1
H1	Hawthorn Field Maple Elm Ash Blackthorn Sycamore Privet	100# max	3m max					1.5 max	0.5 av	0.5 av	Semi Mature to Early Mature	Average	Indifferent		C12	1.2
H2	Dogwood Elm Ash Sycamore Field Maple Elder Damson	150 max	4m max					2.5 max	0.5 av	0.5 av	Semi Mature to Early Mature	Average	Indifferent		C12	1.8
H3	Elm Horse Chestnut Hawthorn Ash Damson Field Maple	120 max	3.5m max					2.5 max	0.5 av	0.5 av	Semi Mature to Early Mature	Average	Indifferent		C12	1.5
H4	Elder Hawthorn Blackthorn Sycamore Damson Elm Field Maple	100 max	1.5m av					1.5 av	0.5 av	0.5 av	Semi Mature to Early Mature	Average	Indifferent		C12	1.2

APPENDIX C

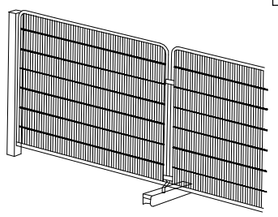
TREE PROTECTION PLAN (10271 TPP 01 Rev A)

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

Secondary Reduced Hedgerow Barrier Specification



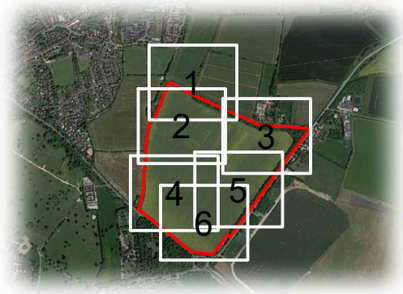
Heras panels supported with pinned rubber feet and driven 100x100mm timber posts on every second panel.

KEY:

- Site Boundary
- 15 Tree Numbers
- Tree Canopies
- [8] Category 'U' Trees
- Category 'A' RPA
- Category 'B' RPA
- Category 'C' RPA
- 8 Trees to be Removed
- Tree Protection Barrier
- Tree Protection Barrier (Secondary Specification)

Note: Trees 261-267, Groups G1, G2 and Hedgerows H1-H4 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 1, 20, 21, 26, 30, 104, 122, 125, 134, 136, 138, 139, 151, 153, 163, 169, 176, 190, 200-202, 208, 217, 222, 225, 239, 252 & 283 have been displaced to allow for the effect of the adopted highway. The surface area of the RPA has not been reduced.



Cited from Google Earth

REV	DATE	NOTE	Drawn	Chk'd

REVISIONS

aspect arboriculture

TITLE

Land East of Park View, Woodstock Tree Protection Plan

CLIENT

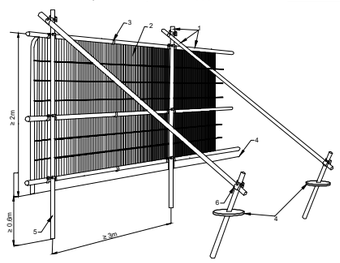
Blenheim Estate Homes

SCALE	DATE	DRAWN
Not to scale	MAY 2022	GW

DRAWING NUMBER	REVISION
10270 TPP 01_Site 1 Rev A (Overview)	A

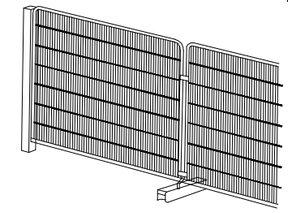
Based on: 226403 Land East of Park View_ Woodstock PP05 Access and Movement Parameter Plan.pdf

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

Secondary Reduced Hedgerow Barrier Specification



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

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
- 8 Trees to be Removed
- Tree Protection Barrier
- Tree Protection Barrier (Secondary Specification)

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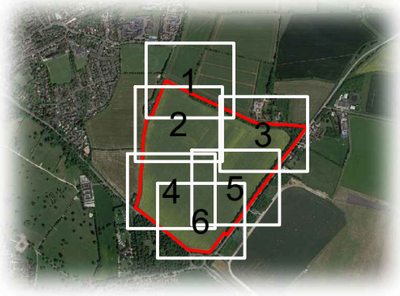

Cited from Google Earth

REV	DATE	NOTE	Drawn	Chk'd

REVISIONS

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TITLE

Land East of Park View, Woodstock Tree Protection Plan

CLIENT

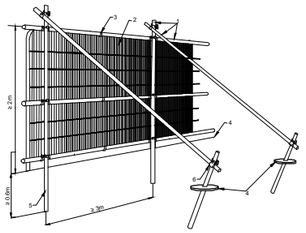
Blenheim Estate Homes

SCALE	DATE	DRAWN
1:1500 @ A3	MAY 2022	GW

DRAWING NUMBER	REVISION
10270 TPP 01_Site 1 Rev A (1/6)	A

Based on: 226403 Land East of Park View_ Woodstock PP05 Access and Movement Parameter Plan.pdf

Default Barrier Specification, cited BS 5837:2012



Key
1 Standard scaffold poles
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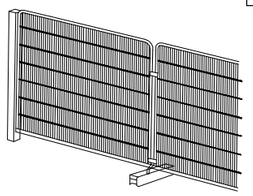
4 Ground level
5 Uprights driven into the ground until secure (minimum depth 0.6m)
6 Standard scaffold clamps

Secondary Reduced Hedgerow Barrier Specification



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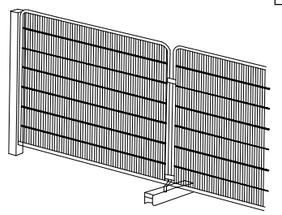
Blenheim Estate Homes

SCALE	DATE	DRAWN
1:1500 @ A3	MAY 2022	GW

DRAWING NUMBER	REVISION
10270 TPP 01_Site 1 Rev A (2/6)	A

Based on: 226403 Land East of Park View_ Woodstock PP05 Access and Movement Parameter Plan.pdf

Secondary Reduced Hedgerow Barrier Specification



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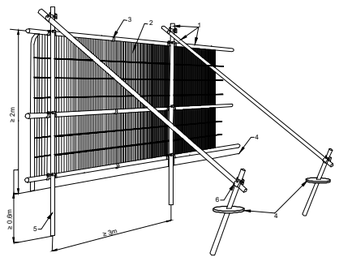

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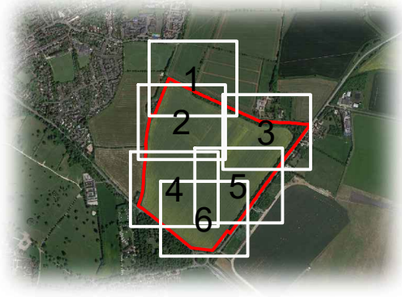

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Blenheim Estate Homes

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1:1500 @ A3	MAY 2022	GW

DRAWING NUMBER	REVISION
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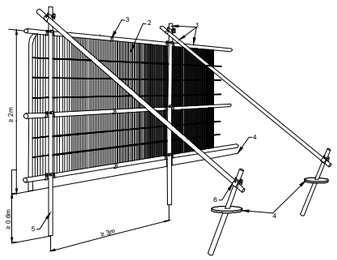
Based on: 226403 Land East of Park View_ Woodstock PP05 Access and Movement Parameter Plan.pdf

Default Barrier Specification, cited BS 5837:2012



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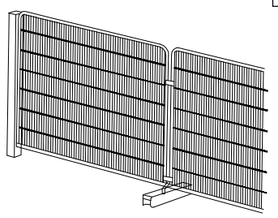

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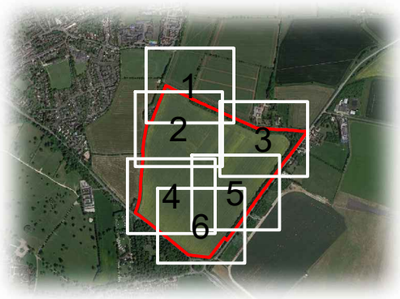

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Land East of Park View, Woodstock Tree Protection Plan

CLIENT

Blenheim Estate Homes

SCALE	DATE	DRAWN
1:1500 @ A3	MAY 2022	GW

DRAWING NUMBER	REVISION
10270 TPP 01_Site 1 Rev A (4/6)	A

Based on: 226403 Land East of Park View_ Woodstock PP05 Access and Movement Parameter Plan.pdf

1:1500 @ A3

0m 10m 20m 50m

KEY:

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- 15 Tree Numbers
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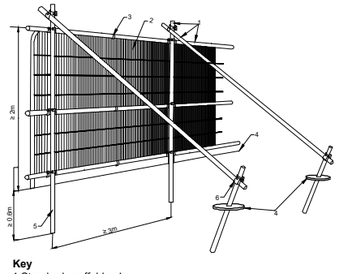

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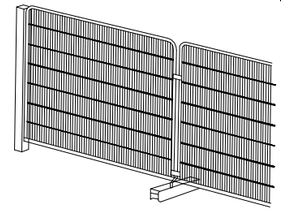

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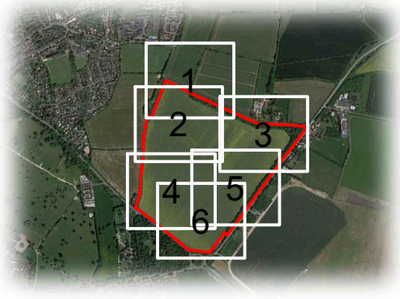

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Land East of Park View, Woodstock Tree Protection Plan

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SCALE	DATE	DRAWN
1:1500 @ A3	MAY 2022	GW

DRAWING NUMBER	REVISION
10270 TPP 01_Site 1 Rev A (5/6)	A

Based on: 226403 Land East of Park View_ Woodstock PP05 Access and Movement Parameter Plan.pdf

1:1500 @ A3

0m 10m 20m 50m

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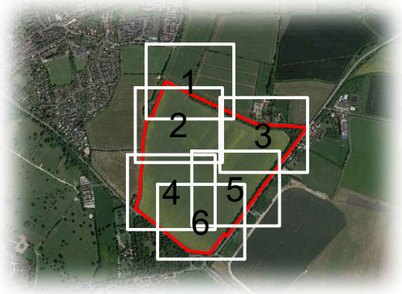

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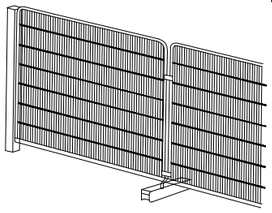
Secondary Reduced Hedgerow Barrier Specification



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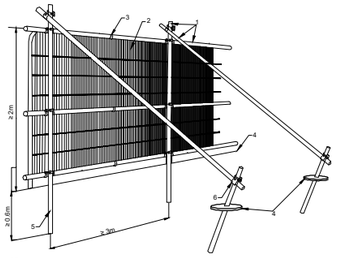

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Land East of Park View, Woodstock Tree Protection Plan

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Blenheim Estate Homes

SCALE	DATE	DRAWN
1:1500 @ A3	MAY 2022	GW

DRAWING NUMBER	REVISION
10270 TPP 01_Site 1 Rev A (6/6)	A

Based on: 226403 Land East of Park View_ Woodstock PP05 Access and Movement Parameter Plan.pdf

APPENDIX D

TREE SURVEY METHODOLOGY

Tree Survey Methodology

The tree survey is a form of Visual Tree Assessment undertaken during October 2019, although the data has also been checked and validated during December 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

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