

Sylva Consultancy
expert arboricultural advice

ARBORICULTURAL REPORT

Aston Rise
Remenham Lane
Aston
Berkshire
RG9 3DE

June 2024

Ref: 24048

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1. INTRODUCTION

1.1 Instructions

- 1.1.1 Instructions have been received from Mr OJ Lewsey to undertake an arboricultural impact assessment on land at Aston Rise, Aston (Site Location Plan Appendix 1).
- 1.1.2 This arboricultural impact assessment has been prepared to assess the likely impact and effect regarding the proposal to construct side and rear extensions to the existing property. This appraisal assesses the impact of the proposal in relation to the trees surveyed and discusses mitigation measures that may have to be adopted.

1.2 Arboricultural Survey

- 1.2.1 During February 2024 a tree survey was carried out in accordance with British Standard 5837:2012 'Trees in relation to Design, Demolition and Construction-Recommendations' and good arboricultural practice. This is a basic data collection exercise and a record of the trees condition at the time of surveying. The tree survey data can be viewed at Appendix 2, root protection area (RPA) data at Appendix 3 with the tree constraints plan provided at Appendix 4.

2. TREE PROTECTION

- 2.1 A desktop study of information posted on the Wokingham Borough Council (WBC) interactive mapping system (<https://www.wokingham.gov.uk/roadworks-and-outdoor-maintenance/trees-hedges-and-grass-cutting/tree-preservation-orders-tpos>) was carried out on the 11th June 2024.
- 2.2 WBC interactive mapping system indicates that the site is not located within a Conservation Area. The interactive mapping system also indicates that no Tree Preservation Orders (TPO's) are present on trees located within or adjacent to the survey area.
- 2.3 Before undertaking any work that may be recommended within this report, it is advisable to check directly with Wokingham Borough Council to determine whether any planning controls are in operation. Where work is proposed to trees other than immediately affected by a development written consent must be obtained for works on trees subject to a TPO; and in the case of a Conservation Area six weeks' notice of intent must be forwarded before undertaking any such work.
- 2.4 The site is subject to a Greenlands Covenant which is overseen by the National Trust.

3. ARBORICULTURAL SURVEY

3.1 Thirty-four trees, ten groups and two hedges have been recorded within this assessment. The tree quality is assessed as follows:

U: Trees that are considered to be of such condition that any existing value would be lost within 10 years, and which should, in the current context, be removed for reasons of sound arboriculture management. However, if category 'U' trees are placed in an inaccessible location such that concerns over public safety are reduced to an acceptable level, it may be preferable or possible to defer this recommendation.

A: Trees of the highest quality and value and are considered to be of such a condition as to be able to make a substantial contribution (e.g., 40 years +).

B: Trees of moderate to high value and are considered to be of such a condition as to be able to make a significant contribution (e.g., 20 years +).

C: Trees of low quality with an estimated life expectancy of at least 10 years. Unremarkable trees of very limited merit or such impaired condition that they do not qualify in higher categories. Young trees with a stem diameter of less than 150mm should be considered for relocation or replacement through mitigation (e.g., 10 years).

Category A, B & C trees are further divided into the following sub-categories. These sub-categories carry equal weight and are selected for either arboricultural values, landscape values or cultural values, including conservation:

- 1: Mainly arboricultural qualities.
- 2: Mainly landscape qualities.
- 3: Mainly cultural values, including conservation.

The British Standard 5837:2012 also recommends recording hedges and shrub masses, however in the context of the standard it is not necessary to assess the quality of these or to provide a category classification.

The numbers of trees falling under each classification within the arboricultural survey are as follows:

A summary of the trees in each of the four categories is provided below:

BS 5837 (2012) Category	No. of Trees	No. of Groups	No. of Hedges	Tree Number
U	0	0	0	
A	6	0	0	T6, T10, T17, T21, T28, T31
B	14	3	0	T4, T5, T7, T8, T9, T11, T12, T13, T14, T15, T16, T32, T33, T34, G4, G7, G8
C	14	7	2	T1, T2, T3, T18, T19, T20, T22, T23, T24, T25, T26, T27, T29, T30, G1, G2, G3, G5, G6, G9, G10, H1, H2

4. PRINCIPLE ARBORICULTURAL IMPLICATIONS

4.1 Introduction

- 4.1.1 Consideration is given to the significance of the trees identified in the arboricultural tree survey, the constraints that they are likely to pose to any development that may occur, post development implications (if any) and work requirements to trees for reasons of sound arboricultural management in order to facilitate the development (BS5837:2012 Section 5.4).
- 4.1.2 All tree numbers referred to in this document relate to the tree numbers annotated on the tree constraints plan and arboricultural impact assessment plan (Appendix 5).

4.2 Site Description

- 4.2.1 The site is located within the village of Aston which lies to the east of Henley on Thames. The site is located in an elevated position within the surrounding landscape and occupies a generous plot. Access is via Remenham Lane which is located to the north of the survey area.

4.3 Trees

- 4.3.1 Only a select area of the site has been surveyed for the purpose of this report. Only trees adjacent to the existing driveway and immediate garden area have been recorded.
- 4.3.2 The Wildlife & Countryside Act 1981, as amended by the Countryside Rights of Way Act 2000, provides statutory protection to birds, bats and other species that inhabit trees. These have the potential to pose additional constraints on the use and timings of works that may occur to trees located at the site. These issues are beyond my expertise, and it is recommended that appropriate advice is sought prior to the implementation of any works considered within this report.

4.4 Overview

- 4.4.1 The appended arboricultural impact plan illustrates the proposals in relation to the tree stock. In addition to pre-development concerns, post development concerns such as debris and concerns of the trees' proximity and juxtaposition to the proposal have also been considered during the design process.
- 4.4.2 An assessment of the design on the tree stock reveal that no trees require removal to implement the scheme.
- 4.4.3 The scheme has undergone a careful design process to ensure an efficient use of the site, whilst safeguarding the continued contribution to the greening of the immediate landscape. On the basis of the appraisal, it is considered that the arboricultural impact of the scheme on the tree stock will not result in an adverse impact on the character and appearance of the site or wider landscape.

4.5 Impact of the proposal on the tree stock

Overview

- 4.5.1 Whilst trees in categories 'A', 'B' and 'C' are all a material consideration in the development process, the retention of category 'C' trees, being of low quality or of only limited or short-term potential, will not normally be considered necessary where they impose a significant constraint on development. Furthermore, BS 5837:2012 makes it clear that young trees, even those of good form and vitality, which have the potential to develop into quality specimens when mature "*need not necessarily be a significant constraint on the site's potential*".
- 4.5.2 The BS5837:2012 recommends that the root protection areas (RPA's) for trees should initially be plotted as a circle centered on the base of the stem. Where pre-existing site conditions or other factors indicate that rooting has occurred asymmetrically, a polygon of equivalent area should be produced.
- 4.5.3 The arboricultural survey has identified that existing site constraints have influenced the root protection area of tree T20. As such the rooting area of this tree has been adjusted. The modified RPA's has considered the expected morphology and disposition of roots, site topography, including levels, drainage and the likely tolerance of the trees to root disturbance based on factors such as age, condition and past management (BS5837:2012 Section 4.6.3).

4.6 Proposed Development

- 4.6.1 The scheme comprises of the demolition of an existing annex and the construction of a single storey extension to the existing property. The extension will utilise part of the footprint of the annex with the building extending to link to the existing dwelling and increasing in length to the south.
- 4.6.2 No trees will be removed to implement the scheme.

4.7 Proposed Landscaping

- 4.7.1 A landscape plan will be developed which provides an enhanced environment and compliments the development of the site. New tree planting is proposed whereby suitable species for the site and for climate change will be chosen.

4.8 Construction

- 4.8.1 Careful consideration has been given regarding the buildability of the proposals. The arboricultural impact plan illustrates that sufficient room exists to locate the site compound and contractor parking outside the RPA's of the retained trees.
- 4.8.2 Fence protection is required for the retained trees. The fencing will comprise of Heras fencing and will be based on Figure 2 'Default Specification for Protective Barrier' as recommended within the British Standard 5837:2012. Where appropriate the fencing will be braced to withstand impacts.
- 4.8.3 Ground protection measures are also required to facilitate access for the works. It is recommended that the ground protection comprises of Duradek Mats or other similar product that is fit for purpose.

- 4.8.4 A tree pruning works schedule to facilitate the proposal has not yet been finalised, however it is anticipated that minor tree pruning to T20, magnolia will be required to facilitate the demolition of the annex. In event additional pruning works to trees is required it is judged that trees can be pruned to acceptable standards in accordance with British Standard 3998:2010 'Tree Works - Recommendations'.
- 4.8.5 New service runs have not yet been finalised; however, it is anticipated that new services will connect to existing. In the unlikely event new services fall within the RPA's of retained trees all proposed service installations will be carried out in accordance with the guidelines set out in NJUG Volume 4 and in accordance with the recommendations at Section 7.7 of the British Standard 5837:2012.

5. SUMMARY

5.1 Conclusions

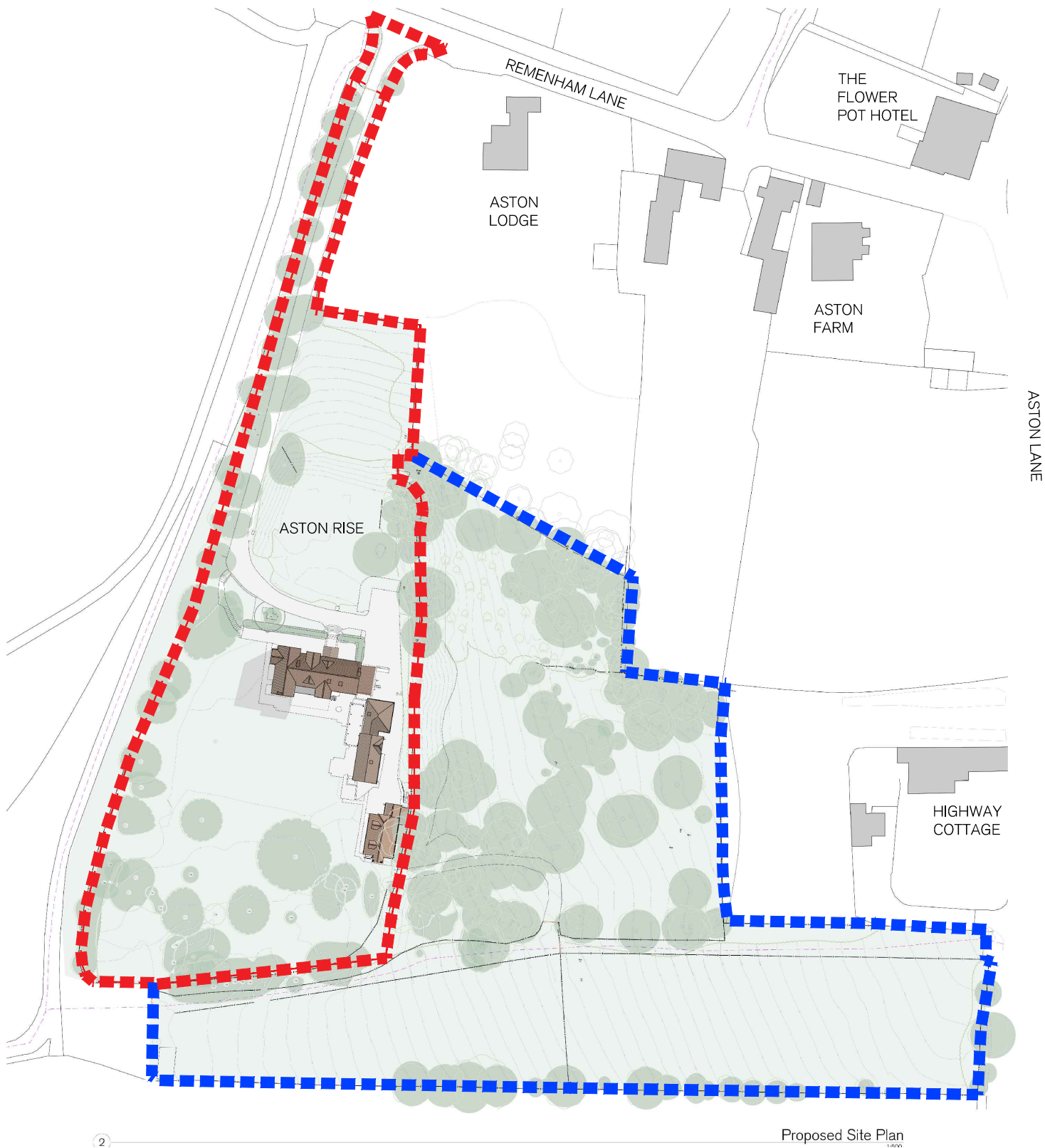
- 5.1.1 The British Standard 5837:2012 states that there is the need to avoid misplaced tree retention; for example, to attempt to retain too many unsuitable trees on a site may result in excessive pressure on the trees during the development work and subsequent demands for their removal post development. No trees will be removed to facilitate the proposal.
- 5.1.2 Consideration for both the direct impact and indirect impact of a development with respect to retained trees needs to be assessed. With respect to the retained tree stock, it is considered that their successful integration into the layout can be achieved.
- 5.1.3 Careful planning of site operations must be carried out to avoid any adverse impact to the retained trees. To safeguard the trees through the development it is advised that a site-specific Arboricultural Method Statement is drawn up and implemented.

5.2 Post development tree management.

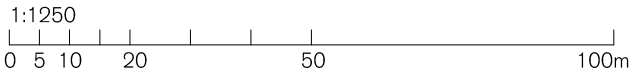
- 5.2.1 Section 8.8.2 of the British Standard 5837:2012 recommends post development aftercare of trees following the completion of development works. It is recommended the following is considered with regard to post development inspection of retained trees:
1. Trees that grow on a site prior to development may, if adversely affected, be in decline over a period of several years before they die. This varies due to age, species, condition prior to development, extent of damage during development, soil conditions and climate. It is recommended that regular inspections are undertaken.
 2. Where trees are protected by planning controls, it is recommended that the Local Planning Authority is informed, and necessary agreements obtained prior to any remedial works.
 3. Following completion of a development it is recommended that the arboricultural consultant inspects the trees for signs of intolerance to the change of conditions and the effect of the development. There may be a need for additional tree works to those originally specified.

APPENDIX 1

SITE LOCATION PLAN



- RESIDENTIAL CURTILAGE OF PROPERTY
- OTHER LAND UNDER SAME TITLE OWNERSHIP



SPRATLEY & PARTNERS, 7 CENTENARY BUSINESS PARK, STATION ROAD,
HENLEY-ON-THAMES, OXFORDSHIRE RG9 1DS. 01491 411277

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CONJUNCTION WITH ALL CONSULTANTS INFORMATION. ALL DIMENSIONS
TO BE CHECKED ON SITE. DO NOT SCALE. THIS DRAWING IS COPYRIGHT.

REV.	ISSUED	DESCRIPTION	DRAWN	CHECKED



Proposed Site Plan

PROJECT /DESCRIPTION	DATE	SCALE AT A3	JOB NO
Aston Rise Remenham Lane RG9 3DE	February '24	1:1250	20.828
Existing Site Plan	STATUS		DRAWING NO
	Planning		PL.1201
CLIENT	DRAWN	CHECKED	REV
Josh Lewsey	DH	CP	-

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& P

APPENDIX 2

TREE SURVEY DATA

KEY TO TREE SCHEDULE

Tree No: Relates to individual trees, groups, hedges and woodlands as identified within the Tree Survey Schedule and Tree Constraints Plan

'T' prefixes have been used to identify individual trees.
'G' prefixes have been used to identify groups of trees.
'H' prefixes have been used to identify hedgerows.
'W' prefixes have been used to identify woodlands.

Species: Common name

Height: Estimated height expressed in meters

ST: Stem diameter of the main trunk taken at 1.5m above ground level or in accordance with Annex C BS5837:2012.

Height in M of Canopy: Information of the first significant branch and direction of growth in order to inform on ground clearance.

Abbreviations: #: Estimated
Ave: Average
A.G.L: Above ground level
SULE: Safe Useful Life Expectancy

Branch Spread: Estimated crown radius expressed in meters, taken for each cardinal compass point.

Age Class: Y Young - Less than one third of natural life expectancy
MM Middle aged - One to two thirds of natural life expectancy
M Mature - More than two thirds of natural life expectancy
OM Over mature
NP Newly Planted

Physiological Condition: G Good
F Fair
P Poor
D Dead

Notes:

Root Protection Area: This is a layout tool indicating the minimum area around a tree deemed to contain sufficient roots and rooting volume to maintain the tree's viability and where the protection of the roots and soil structure is treated as a priority (detailed in paragraph 3.7 British Standard 5837:2012 'Trees in relation to Construction-Recommendations').

Young trees with a stem diameter of less than 150mm: Whilst the presence of young trees of good form and vitality is generally desirable (i.e those which have the potential to develop into quality mature specimens), they need not necessarily be a significant constraint on the site's potential (detailed in paragraph 4.5.10 British Standard 5837:2012 'Trees in relation to Construction-Recommendations').

CASCADE CHART FOR TREE QUALITY ASSESSMENT

Category and definition Criteria (including subcategories where appropriate) Identification on plan

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 <i>NOTE Category U trees can have existing or potential conservation value which it might be desirable to preserve; see 4.5.7.</i>	Dark Red
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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)	Light Green
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	Mid Blue
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	Grey

TREE NO.	SPECIES	Height in (M)	CALCULATED STEM DIA (MM)	BRANCH SPREAD				HEIGHT IN M OF CANOPY	AGE CLASS	PHYS. COND	COMMENTS	LIFE EXPECTANCY (EST YEARS)	BS5837:2012 CATEGORY GRADING
	(Latin)			N	E	S	W						
											Preliminary Recommendations		
T1	Beech <i>Fagus sylvatica</i>	10	269	4	4	2	1.5	4	MM	F	Growing adjacent to the access. Not a constraint. No Work	10 to 20	C2
T2	Lime <i>Tilia europaea</i>	5	170	4	0.5	0.5	0.5	N/A	Y	F	Growing adjacent to the existing drive. Suppressed by T3. Not a constraint. No Work	10 to 20	C2
T3	Beech <i>Fagus sylvatica</i>	10	255	3	1	0	2.5	N/A	Y	F	Growing adjacent to the access. Not a constraint. No Work	10 to 20	C2
T4	Hornbeam <i>Carpinus betulus</i>	15	495	4	4.5	4	5.5	5	M	F	Component of a group of mature trees lining the existing access. Has been crown lifted over drive. No Work	20 to 40	B2
T5	Lime <i>Tilia europaea</i>	17	650	5	4.5	3.5	5.5	5	M	F	Component of a group of mature trees adjacent to the existing driveway. Monitor tree condition due to amount of deadwood in canopy. Remove deadwood from over drive	20 to 40	B2
T6	Beech <i>Fagus sylvatica</i>	19	760	5	6	6	6	5	M	G	Component of a group of mature trees adjacent to the existing driveway. NO Work	>40	A2
T7	Lime <i>Tilia europaea</i>	17	650#	3	3.5	3	4.5	5	M	F	Component of a group of mature trees adjacent to the existing driveway. Monitor tree condition due to amount of deadwood in canopy. Stem estimated due to epicormics. Low end of category. Remove deadwood over drive.	20 to 40	B2
T8	Sycamore <i>Acer pseudoplatanus</i>	17	720	4.5	4	4	5	5	M	F	Component of a group of mature trees adjacent to the existing driveway. Crown lifted over drive. Deformation of driveway adjacent to the tree. No Work	20 to 40	B2
T9	Beech <i>Fagus sylvatica</i>	18	750	4.5	9.5	5	4.5	5	M	F	Component of a group of mature trees adjacent to the existing driveway. X1 large structural limb over drive. Just 5m agl. No Work	20 to 40	B2
T10	Beech <i>Fagus sylvatica</i>	21	685	4	6	4	4	5	M	G	Component of a group of mature trees adjacent to the existing driveway. No Work	>40	A2
T11	Poplar <i>Populus sp</i>	18	1100	3	9.5	6	7	5	M	F	Component of a group of mature trees adjacent to the existing driveway. No Work	20 to 40	B2
T12	Oak <i>Quercus robur</i>	13	1040	8	4.5	4.5	3.5	5	M	F	Component of a group of mature trees adjacent to the existing driveway. On opposite side to other driveway trees. On a steep bank. Bank levels increased on east side of tree. No Work	20 to 40	B2
T13	Oak <i>Quercus robur</i>	12	620	4	1.5	3.5	5	5	M	F	Component of a group of mature trees adjacent to the existing driveway. Growing beyond post and rail fence. No Work	20 to 40	B2
T14	Sweet Chestnut <i>Castanea sativa</i>	16	970	4.5	5.5	4	4.5	5	M	F	Component of a group of mature trees adjacent to the existing driveway. X2 on north side. Fusing. Low end of category. No Work	20 to 40	B2

TREE NO.	SPECIES	Height in (M)	CALCULATED STEM DIA (MM)	BRANCH SPREAD				HEIGHT IN M OF CANOPY	AGE CLASS	PHYS. COND	COMMENTS	LIFE EXPECTANCY (EST YEARS)	BS5837:2012 CATEGORY GRADING
	(Latin)			N	E	S	W						
											Preliminary Recommendations		
T15	Sweet Chestnut <i>Castanea sativa</i>	15	580	2	5.5	4.5	4.5	5	M	F	Component of a group of mature trees adjacent to the existing driveway. No Work	20 to 40	B2
T16	Lime <i>Tilia europaea</i>	22	833	5	5	3.5	4	5	M	F	Component of a group of mature trees adjacent to the existing driveway. Multi stem specimen. Remove deadwood and epicormics	20 to 40	B2
T17	Beech <i>Fagus sylvatica</i>	21	1080	7.5	11	10	4.5	5	M	G	Component of a group of mature trees adjacent to the western boundary. Noteworthy specimen. NO Work	>40	A2
T18	Juniper <i>Juniperus sp</i>	10	280	2	2	2	2	GL	MM	F	Growing in an area of hard standing at the front of the house. Not a constraint. NO Work	10 to 20	C2
T19	Horse Chestnut <i>Aesculus hippocastanum</i>	13	410	3.5	2.5	6.5	7	1.8s	MM	F	Growing on the lawn area. Not regarded as a constraint. No Work	10 to 20	C2
T20	Magnolia <i>Magnolia sp</i>	6.5	540	3.5	4	3.5	3	2	MM	F	Growing in the rear garden. Not a constraint. NO Work	10 to 20	C2
T21	Beech <i>Fagus sylvatica</i>	22	880	9	8.5	8	9	3.5w	M	G	Growing in the rear garden. Potential to further develop. NO Work	>40	A2
T22	Monterey Cypress <i>Cupressus macrocarpa</i>	17	900	5	3.5	6	4.5	2	M	F	Growing in the rear garden. Decay in main stem. Further investigation. On internal trunk decay.	10 to 20	C2
T23	Monterey Cypress <i>Cupressus macrocarpa</i>	17	530	3	3	3	2	6	MM	F	Growing in the rear garden. One of 2 trees growing in close proximity. Etiolated. Not a constraint. No Work	10 to 20	C2
T24	Monterey Cypress <i>Cupressus macrocarpa</i>	17	590	5.5	3.5	1	5	6	MM	F	Growing in the rear garden. One of 2 trees growing in close proximity. Not a constraint. No Work	10 to 20	C2
T25	Sycamore <i>Acer pseudoplatanus</i>	17	740	6	2	5	2	N/A	MM	F	Growing on the edge of the woodland, on top of a bank. Squirrel damage. Not a constraint. Multi stem specimen. No Work	10 to 20	C2
T26	Hawthorn <i>Crataegus monogyna</i>	4.5	350	1	2	3	2.5	N/A	M	F	Growing near orchard. Low end of category. Not a constraint. No Work	10 to 20	C2
T27	Elm <i>Ulmus procera</i>	9	25	1	1	1	1	N/A	Y	F	Etiolated specimen. Not a constraint. No Work	10 to 20	C2
T28	Atlas Cedar <i>Cedrus atlantica</i>	21	720	7	4.5	4.5	5.5	2	MM	G	Pleasant feature. Potential to further develop. No Work	>40	A2

TREE NO.	SPECIES	Height in (M)	CALCULATED STEM DIA (MM)	BRANCH SPREAD				HEIGHT IN M OF CANOPY	AGE CLASS	PHYS. COND	COMMENTS	LIFE EXPECTANCY (EST YEARS)	BS5837:2012 CATEGORY GRADING
	(Latin)			N	E	S	W				Preliminary Recommendations		
T29	Horse Chestnut <i>Aesculus hippocastanum</i>	10	310	6	5	5.5	5	1	MM	F	Growing in the rear garden. Not a constraint. <i>No Work</i>	10 to 20	C2
T30	Tulip Tree <i>Liriodendron tulipifera</i>	10	165	2	2	2	2	N/A	Y	G	Young specimen. potential to further develop. Not a constraint due to age. <i>No Work</i>	>40	C2
T31	Deodar Cedar <i>Cedrus deodara</i>	16	720#	5	5	5	5	GL	MM	F	Pleasant feature. Potential to further develop. Stem estimated due to low branches. <i>No Work</i>	>40	A2
T32	Lime <i>Tilia europaea</i>	22	900#	5	4.5	3.5	5	N/A	M	F	Growing adjacent to the western boundary. Provides useful screening to the site. Stem estimated due to epicormics. <i>Remove basal epicormics</i>	20 to 40	B2
T33	Scots Pine <i>Pinus sylvestris</i>	14	460	2.5	6	2.5	2.5	5	MM	F	Growing adjacent to the western boundary. Provides useful screening to the site. <i>No Work</i>	20 to 40	B2
T34	Larch <i>Larix decidua</i>	12	590	7	7	2.2	2	5	MM	F	Growing adjacent to the western boundary. Provides useful screening to the site. Canopy bias northeast. Low end of category. <i>No Work</i>	20 to 40	B2
G1	Sycamore <i>Acer pseudoplatanus</i>	Ave 16	Ave 510	3	3	3	3	N/A	MM	F	Growing on the edge of the woodland, on top of a bank. Squirrel damage. Not a constraint. Average dimensions recorded. <i>NO Work</i>	10 to 20	C2
G2	Sycamore <i>Acer pseudoplatanus</i>	Ave 17	Ave 740	5	5	5	5	N/A	MM	F	Growing on the edge of the woodland, on top of a bank. Squirrel damage. Not a constraint. Multi stem specimens. Average dimensions recorded. <i>NO Work</i>	10 to 20	C2
G3	Sycamore <i>Acer pseudoplatanus</i>	Ave 14	Ave 650	4	4	4	4	N/A	MM	F	Growing on the edge of the woodland, on top of a bank. Squirrel damage. Not a constraint. Multi stem specimens. Average dimensions recorded. <i>No Work</i>	10 to 20	C2
G4	Douglas Fir <i>Pseudotsuga menziesii</i>	Ave 24	Ave 410	4.5	4.5	4.5	4.5	N/A	MM	F	Growing in rear garden. Western tree low end of category. Sparse canopy. <i>No Work</i>	20 to 40	B2
G5	Lawson Cypress	Ave 15	Ave 320	2.5	2.5	2.5	2.5	GL	MM	F	Growing in the rear garden. Not a constraint. <i>No Work</i>	10 to 20	C2
G6	Cherry <i>Prunus sp</i>	Ave 3.5	Ave 100	1.5	1.5	1.5	1.5	N/A	Y	F	Young newly planted cherry group. Not a constraint due to age. <i>No Work</i>	10 to 20	C2
G7	Norway Spruce <i>Picea abies</i>	Ave 16	Ave 620	4.5	4.5	4.5	4.5	2	M	F	Growing in the rear garden. Long term should not be regarded as a significant constraint. <i>No Work</i>	20 to 40	B2
G8	Corsican Pine <i>Pinus nigra var.maritima</i>	Ave 16	610	5	5	5	5	5	MM	F	Growing adjacent to the western boundary. Provides useful screening to the site. Average dimensions recorded. <i>No Work</i>	20 to 40	B2

TREE NO.	SPECIES	Height in (M)	CALCULATED STEM DIA (MM)	BRANCH SPREAD				HEIGHT IN M OF CANOPY	AGE CLASS	PHYS. COND	COMMENTS	LIFE EXPECTANCY (EST YEARS)	BS5837:2012 CATEGORY GRADING
	(<i>Latin</i>)			N	E	S	W				Preliminary Recommendations		
G9	Mixed species	Ave 11	Ave 300	3	3	3	3	N/A	MM	F	Group of mixed species growing in the southwest corner of the survey area. Provides useful screening to the site. Average dimensions recorded. <i>No Work</i>	10 to 20	C2
G10	Mixed species	Ave 6.5	Ave 120	1.5	1.5	1.5	1.5	N/A	Y	F	Group of self seeded specimen growing adjacent to the existing driveway. Not a constraint. Average dimensions recorded. <i>No Work</i>	10 to 20	C2
H1	Yew <i>Taxus baccata</i>	Ave 1.25	Ave 75	0.7	0.7	0.7	0.7	GL	MM	F	Regularly maintained hedging in front of the house. Not a constraint. Average dimensions recorded. <i>No Work</i>	10 to 20	C2
H2	Laurel <i>Laurus nobilis</i>	Ave 2	Ave 50	0.7	0.7	0.7	0.7	GL	MM	F	Internal boundary feature. Average dimensions recorded. <i>No Work</i>	10 to 20	C2

APPENDIX 3

ROOT PROTECTION AREA

ROOT PROTECTION AREA

TREE NO.	SPECIES	NO. OF STEMS	SINGLE STEM DIA (mm)	2-5 STEMS					> 5 STEMS MEAN STEM DIA (mm)	ROOT PROTECTION AREA - RPA (RADIUS IN M)	RPA (M ²)	LIFE EXPECTANCY (EST YEARS)	BS5837:2012 CATEGORY
				STEM 1 (mm)	STEM 2 (mm)	STEM 3 (mm)	STEM 4 (mm)	STEM 5 (mm)					
T1	Beech	2		200	180					3.23	33	10 to 20	C2
T2	Lime	1	170							2.04	13	10 to 20	C2
T3	Beech	1	255							3.06	29	10 to 20	C2
T4	Hornbeam	1	495							5.94	111	20 to 40	B2
T5	Lime	1	650							7.80	191	20 to 40	B2
T6	Beech	1	760							9.12	261	>40	A2
T7	Lime	1	650							7.80	191	20 to 40	B2
T8	Sycamore	1	720							8.64	235	20 to 40	B2
T9	Beech	1	750							9.00	255	20 to 40	B2
T10	Beech	1	685							8.22	212	>40	A2
T11	Poplar	1	1,100							13.20	547	20 to 40	B2
T12	Oak	1	1,040							12.48	489	20 to 40	B2
T13	Oak	1	620							7.44	174	20 to 40	B2
T14	Sweet Chestnut	1	970							11.64	426	20 to 40	B2
T15	Sweet Chestnut	1	580							6.96	152	20 to 40	B2
T16	Lime	6							340	9.99	314	20 to 40	B2
T17	Beech	1	1,080							12.96	528	>40	A2
T18	Juniper	1	280							3.36	35	10 to 20	C2
T19	Horse Chestnut	1	410							4.92	76	10 to 20	C2
T20	Magnolia	1	540							6.48	132	10 to 20	C2
T21	Beech	1	880							10.56	350	>40	A2
T22	Monterey Cypress	1	900							10.80	366	10 to 20	C2
T23	Monterey Cypress	1	530							6.36	127	10 to 20	C2
T24	Monterey Cypress	1	590							7.08	157	10 to 20	C2
T25	Sycamore	1	740							8.88	248	10 to 20	C2
T26	Hawthorn	1	350							4.2	55	10 to 20	C2
T27	Elm	1	25							0.3	0	10 to 20	C2
T28	Atlas Cedar	1	720							8.64	235	>40	A2
T29	Horse Chestnut	1	310							3.72	43	10 to 20	C2
T30	Tulip Tree	1	165							1.98	12	>40	C2
T31	Deodar Cedar	1	720							8.64	235	>40	A2
T32	Lime	1	900							10.8	366	20 to 40	B2
T33	Scots Pine	1	460							5.52	96	20 to 40	B2
T34	Larch	1	590							7.08	157	20 to 40	B2
G1	Sycamore	1	510							6.12	118	10 to 20	C2
G2	Sycamore	1	740							8.88	248	10 to 20	C2
G3	Sycamore	1	650							7.8	191	10 to 20	C2
G4	Douglas Fir	1	410							4.92	76	20 to 40	B2

ROOT PROTECTION AREA

TREE NO.	SPECIES	NO. OF STEMS	SINGLE STEM DIA (mm)	2-5 STEMS					> 5 STEMS	ROOT PROTECTION AREA - RPA (RADIUS IN M)	RPA (M ²)	LIFE EXPECTANCY (EST YEARS)	BS5837:2012 CATEGORY
				STEM 1 (mm)	STEM 2 (mm)	STEM 3 (mm)	STEM 4 (mm)	STEM 5 (mm)	MEAN STEM DIA (mm)				
G5	Lawson Cypress	1	320							3.84	46	10 to 20	C2
G6	Cherry	1	100							1.2	5	10 to 20	C2
G7	Norway Spruce	1	620							7.44	174	20 to 40	B2
G8	Corsican Pine	1	610							7.32	168	20 to 40	B2
G9	Mixed species	1	300							3.6	41	10 to 20	C2
G10	Mixed species	1	120							1.44	7	10 to 20	C2
H1	Yew	1	75							0.9	3	10 to 20	C2
H2	Laurel	1	50							0.6	1	10 to 20	C2

TREE CONSTRAINTS PLAN



Sylva Consultancy

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The Oxford Boaters Box, Woodstock Road, Oxford, OX2 7AH

Arboricultural
Association
FES93

Site: Aston Rise	1:500 @ A1
Drawing Title: Tree Constraints Plan	Rev C July 2024

Key:

Category A

Category B

Category C

Category U

Category

Root Protection Area

Crown Spread

Tree Number

NOTE: Tree/group numbers marked with an * have approximate locations.

NOTE: The original of this drawing was produced in colour - a monochrome copy should not be relied upon.

ARBORICULTURAL IMPACT ASSESSMENT PLAN



Sylva Consultancy

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The Oxford Boaters Box, Woodstock Road, Oxford, OX2 7AH

Arboricultural Association

Registered Member

FE593

Site: Aston Rise	1:500 @ A1
Drawing Title: Arboricultural Impact Assessment - House Project	Rev C July 2024

Key:

● Category A

● Category B

● Category C

● Category U

--- Demolish

Category

Root Protection Area

Crown Spread

Tree Number

NOTE: Tree/group numbers marked with an * have approximate locations.

NOTE: The original of this drawing was produced in colour - a monochrome copy should not be relied upon.

APPENDIX 6

PHOTOGRAPHS



Photograph 1

View of the existing front elevation of the property



Photograph 2

View of the existing rear elevation of the property



Photograph 3

View of the existing driveway



Photograph 4

View of tree T20, magnolia

APPENDIX 7

QUALIFICATIONS

QUALIFICATIONS

Fiona Bradshaw

MicFor; RFS Dip Arb;F. Arbor.A; Tech Cert (Arbor.A)

I have over 25 years' experience of arboriculture and I am the principal consultant at Sylva Consultancy. I hold the Royal Forestry Society's Professional Diploma in Arboriculture and the Arboricultural Associations Technicians Certificate. I am a Fellow member of the Arboricultural Association and a professional member of the Institute of Chartered Foresters, of which I am also a registered Consultant.

I have the benefit of both a local authority and private practice background and I am frequently instructed to provide advice and assistance relating to trees and the planning process. I am also experienced at compiling expert reports, providing evidence and also appearing as an expert witness at Public Inquires.

I am committed to my continued professional development which is reflected in my regular attendance of seminars and workshops.