

Arboricultural Impact Assessment and Method Statement

North Bradley, Trowbridge, Wiltshire

24 June 2026

Ecology
Arboriculture
Land Management



Quality Assurance

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Revision Record

Revision	Date	Author	Checked By	Summary of Changes
Final	8 April 2026	Kit Owen BSc TechArborA	Matt Underwood BSc MArborA CEnv	N/A
1	24 June 2026	Matt Underwood BSc MArborA CEnv	Matt Underwood BSc MArborA CEnv	Updated to reflect 100 Planning Layout 080626

Disclosure

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Site Details

Site Name and Location	North Bradley, Trowbridge, Wiltshire
Central OS Grid Reference	ST 85752 55731
Client	Allison Homes SW Limited

Boundary



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1 Introduction

This report presents the results of an Arboricultural Impact Assessment and Method Statement at North Bradley, Trowbridge, Wiltshire in relation to a Reserved Matters planning application. The surveys were commissioned by Allison Homes SW Limited. The area within the application boundary is hereafter referred to as the 'Site'.

The Site is located to the south of Bradley Road and west of Woodmarsh Road, more broadly to the south of Trowbridge town centre. The Site is approximately 8.25 hectares (ha) and comprised a series of pasture fields bound and divided by mature hedgerows. Young to late mature trees are spread across the Site, mostly within hedgerows. A small woodland borders the Site to the east.

This arboricultural survey report has been prepared in accordance with BS5837:2012 'Trees in relation to design, demolition and construction – Recommendations'. All trees located within the Site boundary have been surveyed as part of this assessment. Additionally, those trees located immediately adjacent to the Site boundary and that have the potential to constrain the development (either through above or below portions of the tree) have also been surveyed as part of this assessment.

An Arboricultural Impact Assessment was prepared during the design stage to inform the scheme design (WHBP_AIA_PJ_JP_v3, Greenman Environmental Management, 2020). An updated survey was carried out by Kit Owen BSc TechArborA on the 16th January 2026 to ensure the original survey data remains valid. The tree constraints plan and tree survey schedule which can be found in **Appendices 1 and 2**.

In order to undertake the assessment, the following documentation was provided by the client:

-  North Bradley Topographical Survey
-  100 Planning Layout 080626

2 Statutory Protection

2.1 Legislation

Some trees receive legal protection within England through the following:

-  Tree Preservation Orders (TPOs);
-  Conservation Areas;
-  Planning Conditions;
-  Forestry Act 1967.

As part of this assessment, the relevant Local Planning Authority (LPA) has been contacted or online mapping systems accessed to establish if any arboricultural features surveyed as part of this report are subject to any legal protection.

Unauthorised work to protected trees could lead to prosecution, resulting in enforcement action such as fines or a criminal record.

2.2 Planning Policy

2.2.1 National Planning Policy Framework (NPPF)

Chapter 136 – *'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.'

Chapter 193c – *'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.'*

Chapter 194d – *'Development whose primary objective is to conserve or enhance biodiversity should be supported; while opportunities to improve biodiversity in and around developments should be integrated as part of their design, especially where this can secure measurable net gains for biodiversity or enhance public access to nature where this is appropriate.'*

2.2.2 Wiltshire Core Strategy, adopted January 2015

Core Policy 51 Landscape – *'Development should protect, conserve and where possible enhance landscape character and must not have a harmful impact upon landscape character, while any negative impacts must be mitigated as far as possible through sensitive design and landscape measures... In particular, proposals will need to demonstrate that the following aspects of landscape character have been conserved and where possible enhanced through sensitive design, landscape mitigation and enhancement measures:*

i. The locally distinctive pattern and species composition of natural features such as trees, hedgerows, woodland...'

Core Policy 57 Ensuring high quality design and place shaping – *'Applications for new development must be accompanied by appropriate information to demonstrate how the proposal will make a positive contribution to the character of Wiltshire through...*

ii. the retention and enhancement of existing important landscaping and natural features, (e.g. trees, hedges, banks and watercourses), in order to take opportunities to enhance biodiversity, create wildlife and recreational corridors, effectively integrate the development into its setting and to justify and mitigate against any losses that may occur through the development.'

3 Methodology

3.1 Site Survey

The arboricultural survey was undertaken on 16 January 2026 by Kit Owen BSc TechArborA. The visibility at the time of survey was adequate to undertake a thorough assessment of the trees from ground level. The trees were surveyed in the context of the existing land use.

The trees were surveyed in accordance with BS5837:2012. The key information for each arboricultural feature can be found in the tree survey schedule in **Appendix 2**.

The key information for each arboricultural feature is used to calculate the root protection area, radius and to categorise the tree using an alphanumeric system. **Table 1** below provides a brief overview of how each feature is categorised.

Table 1: Overview of Tree Categorisation Process

	1 – Mainly arboricultural qualities	2 – Mainly landscape qualities	3 – Mainly cultural/ conservation values
Category A (Life expectancy of 40+ years)	Features which are good examples of their species; or those that form an essential component to a wider feature.	Feature of particular visual importance as arboricultural and/or landscape feature.	Feature of significant conservation, historical, commemorative or other value (e.g. veteran trees).
Category B (Life expectancy of 20+ years)	Features that may be included in category A but have been downgraded due to impaired condition such that they have a predicted lifespan of < 40 years.	Tree groups or woodland which collectively have a higher rating than the component 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 (Life expectancy of 10+ years)	Unremarkable tree of 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 greater collective landscape value; and/or trees offering low or only temporary landscape benefits.	Trees with no material conservation or other cultural value.
Category U (Life expectancy of <10 years)	Features that are dead or show signs of significant, immediate decline or have serious, irremediable structural defects which could result in collapse.		

3.2 Survey Limitations

The survey was limited to a visual inspection from ground level. Where existing constraints were present e.g. dense vegetation around tree stems or where the tree is located on third party property, the dimensions were estimated on Site to the best of the surveyor's ability. Where an arboricultural feature has not been accurately plotted on the topographical survey or within the plans provided, the feature reference has been suffixed with PA to highlight its position as being approximate.

Due to the dynamism of living organisms and the potential for Site conditions to change, the recommendations provided in this report are only considered valid for two years of the date of the survey. Furthermore, the recommendations provided in this report cannot account for detrimental impacts to trees through climatic extremes and/or physical damage.

Whilst every effort has been made to identify any physiological and structural defects of the trees surveyed, this report should not be considered a tree risk assessment. No tree can be considered absolutely safe with even 'sound' trees known to fail.

No invasive soil investigation works have been undertaken as part of this assessment and as such this report does not address issues with regards to soil heave and shrinkage. This report cannot be used to assess risks with regards to subsidence, in relation to the existing trees or as a result of the recommendations provided in this report.

A structural engineer should be consulted in all matters relating to the design and construction of foundations near trees. The National House Building Council (NHBC) provides guidance for 'Building near trees'.

4 Results

4.1 Categorisation Summary

A summary of the arboricultural features and their categorisation can be found in **Table 2** below. Full details of each arboricultural feature can be found in the tree survey schedule in **Appendix 2**.

Table 2: Summary of Arboricultural Feature Categorisation

Categorisation	Arboricultural Feature			
	Tree	Tree Group	Hedgerow	Woodland
A	2	-	-	-
B	16	5	12	1
C	16	7	2	-
U	2	2	-	-

4.2 Site Appraisal

4.2.1 Soils

The soil type has been assessed using the UK Soil Observatory Maps as having ‘slowly permeable seasonally wet slightly acid but base-rich loamy and clayey soils’.

4.2.2 Trees

In general, the tree stock on Site is considered to have moderate arboricultural merit. The trees are of mixed ages and diameters. There are two category A pedunculate oak trees (T20 and T46) in hedgerow and infield, respectively. The majority of hedgerows on Site are mature with good structure.

The woodland located along the eastern boundary (W28) of the Site provide screening between the Site and adjacent business park to the east. Due to the deciduous nature of the trees, the screening benefits will be reduced during the winter months.

4.3 Statutory Protection

There are three TPOs on Site protecting T20, T22 and T46 (TPO ref: W/06/00011/MIXED), the Site is not located within a conservation area (as confirmed using Wiltshire Council’s online mapping tool on the 17th February 2026).

However, any persons proposing to undertake works to the trees on site should re-check the status of the trees with the LPA immediately prior to undertaking the works.

5 Arboricultural Impact Assessment

5.1 Description of Proposed Development

The development proposals to which the survey relates include up to ‘70 dwellings, landscaping, green infrastructure, associated drainage measures and vehicular access from the A363 as well as all associated works’ as shown in the 100 Planning Layout 080626.

The project design team were provided with an Arboricultural Constraints and Opportunities Plan (ACOP) which provides an overview of the existing tree stock and details any constraints they may pose to development on a tree constraints plan.

5.2 Removal of Arboricultural Features

Those trees that require removal to facilitate the proposed development are shown on the Tree Retention Plan in **Appendix 1** and detailed in **Table 3**.

Table 3: Required Removal of Arboricultural Features

Arboricultural Feature	Species	Category	Quantity	Justification
H19	Elm, Hawthorn, Blackthorn	B 2	One section, approx. 2.2m	To facilitate a new pedestrian access to the Site.
T22	Elm	U	-	To facilitate the building of the new development.
H23	Hawthorn	B 3	Entire hedge, approx. 55.9m	To facilitate the building of the new development.
T24	Field Maple	B 1	-	To facilitate the building of the new development.
H25	Hawthorn, Blackthorn	B 3	Entire hedge, approx. 75.2m	To facilitate the building of the new development.
T47	Ash	C 1	-	To facilitate a new pedestrian access to the Site.
H63	Blackthorn	C 2	67.9m ²	To facilitate construction of a pump station and new hedge creation.

The removal of the above arboricultural features will have an impact on the amenity value of the Site and immediately adjacent areas. However, the removal will be compensated by the implementation of a tree replacement strategy during the soft landscape phase of the development. Therefore, any impact on the amenity value is only likely to be short-term, whilst the replacement planting matures sufficiently to replace and enhance the value of the Site.

When selecting new planting, consideration will be given to the future growth of the tree (including root systems, stem and canopy). Where possible, the tree will have sufficient space to reach maturity without causing physical contact with nearby structures or causing excessive shading.

5.3 Pruning of Arboricultural Features

Those trees that require pruning to facilitate access or construction are detailed in **Table 4** below.

Table 4: Required Pruning of Arboricultural Features

Arboricultural Feature	Species	Works Required	Reason
H32	Hawthorn, Blackthorn	Reduce lateral growth by 0.5m to north and south of footpath.	Allow installation of footpath.
G48	Hawthorn, Ash, Field Maple, Elm	Crownlift to 2.5m southeast.	

G49	Beech	Crownlift to 2.5m northwest.
T50	Ash	Crownlift to 2.5m northwest.
G51	Elm, Beech	Reduce lateral growth by 0.5m to north.

All pruning works should be carried out in accordance with BS3998:2010 'Tree works – recommendations'. Any further pruning works that cannot be predicted at this stage (based on the information currently available) should be discussed during the pre-commencement meeting with the project arboriculturist and agreed with the local planning authority arboricultural officer.

5.4 Encroachment into the Root Protection Areas of Arboricultural Features

The proposed construction works will encroach into the root protection areas of retained tree T50 by < 5 % of the trees total root protection area. In this instance there is ample additional rooting environment to compensate for this minor encroachment is not considered significant to affect the long-term viability of the trees.

5.5 Routing of Services and Utilities

Details of the routing of services have not been provided at this stage. When details of the routing of services become available, they will be reviewed by the project arboriculturist. The arboriculturist shall then confirm to the local authority arboricultural officer either that no works will be carried out within root protection areas, or provide details of the methodology required to ensure the works are carried out in accordance with NJUG Vol. 4 'Guidelines For The Planning, Installation And Maintenance Of Utility Apparatus In Proximity To Trees' and BS5837: 2012.

5.6 Shade Created by Arboricultural Features

The majority of retained trees are located to the northeast of the Site and thus will not cast shade over the dwellings. The retained hedgerow H19 lie to the southeast of the Site and will cast low levels of shade over the ends of the rear gardens of plots 12, 13, 14, 15 and 19. Retained tree T21 will cast shade over the southern elevation of plot 19. Retained trees and tree groups T30 and G33 will cast shade over the rear gardens of plots 20, 36 and 45 for a short period of time through the day, while the majority of the gardens are left shade free. Therefore, such shading is not considered significant as to affect the usage of the proposed plots.

5.7 Seasonal Nuisance Caused by Arboricultural Features

The proposed new footpath from Woodmarsh Road will lie adjacent to retained trees. Therefore, the footpath may require regular clearing to ensure they remain free of leaf debris build-up during the autumn. Such tasks can be included within the site wide management plan and fall under the remit of the appointed management company.

5.8 Future Pressure on Arboricultural Features as a Result of Development

The proposed buildings are of sufficient distance from the retained trees so as to not impose any potential future pressure.



Hedgerows H19, H32, H62, trees and tree groups G48, G49, T50, and G51 will require on going pruning to prevent them from encroaching the proposed footpath. Such cyclical pruning is likely to be light and infrequent, and therefore unlikely to affect the long-term viability of the trees.

Retained hedgerows on the Site will require on-going maintenance. Such pruning is considered to beneficial as a part of positive hedgerow management.

6 Arboricultural Method Statement

Section	Work Phase	Relevant Arboricultural Feature(s)	Protection Measure/Methodology	Responsibility
1	Enabling	See Sections 5.2 and 5.3	Initial Tree Works – Removals and Pruning - All works to be carried out in accordance with the works specified in Section 5.2 & 5.3 and following BS3998:2010 'Tree Works – Recommendations'. - No bonfires are permitted within 5m of the canopy of any retained tree. - Ground level vegetation and tree stumps should be removed using powered hand tools e.g. brush cutter and stump grinder if it is to be undertaken in the root protection areas of retained trees. Stump grinding should not penetrate further than 100mm below ground level and plant machinery should not be used to scrape vegetation or remove stumps in the root protection areas of retained trees.	Contractor/ Arborist
2	Enabling	All retained trees	Tree Protection Fencing (TPF) - All TPF should be installed in the locations as shown on the Tree Protection Plan in Appendix 1 following completion of the initial tree works prior to the commencement of any groundworks, demolition or construction works on site. - The specification for the TPF can be found in Appendix 3. - Adequate signage denoting the importance of TPF should be affixed to the fencing. Example signage can be found in Appendix 4. - The TPF will denote and form the boundary to the Construction Exclusion Zone (CEZ). - Fencing to remain in place for duration of construction.	Contractor with sign off from project arboriculturist.
3	Enabling	All retained trees	Temporary Site Buildings and Materials Storage - All buildings and materials shall be located outside of the CEZ as denoted by the TPF. - Harmful chemicals/materials should be stored on an impermeable membrane and at a sufficient distance from the CEZ so that any potential spillages will not enter the root protection areas of retained trees. - The location of site cabins and materials store should be agreed with the project arboriculturist during the pre-commencement meeting.	Contractor with sign off from project arboriculturist.

4	Construction	All retained trees	Installation of Services within Root Protection Areas - No services plans were provided at the time of writing. - When available, the service plans should be reviewed by the project arboriculturist. - All services should be installed outside of the RPA of retained trees. Where this is not possible, the project arboriculturist shall provide a methodology for their installation in accordance with NJUG Vol. 4 'Guidelines For The Planning, Installation And Maintenance Of Utility Apparatus In Proximity To Trees' and BS5837:2012.	Review of services plan by project arboriculturist.
5	Landscape	All retained trees	Landscaping within Root Protection Areas - To be undertaken as final phase of development. - The soft landscape proposals have not been finalised at the time of writing but is likely to include turfing and plant/shrub planting. - Where soil preparation is required, this should be done so by raking or light tilling. Use of rotavators is prohibited. - Where topsoil is imported it should not increase the ground level by 100mm to prevent root suffocation. - Scaffold boards should be used to transport planting materials across the RPA to prevent compaction of the rooting medium. - All planting pits should be dug by hand to accommodate the root and prevent their damage/severance.	Contractor
6	All	All retained trees	Unpredictable Tree Impacts - If, during demolition and/or construction damage is inadvertently caused to the retained trees, the project arboriculturist should be contacted immediately. The arboriculturist will be able to assess the impact of the damage and prescribe remedial measures where necessary. - Inadvertent damage includes significant root severance (roots in excess of 25mm diameter or densely matted fibrous roots), direct strikes to tree stem/limb, chemical spillages in RPA and fire damage.	Contractor
7	All	All retained trees	Site Monitoring	Project arboriculturist

			🌿 The project arboriculturist will undertake regular site visits during the demolition and construction phases of development to ensure that the arboricultural features on site are protected in accordance with this arboricultural method statement. 🌿 The visits should include but not be limited to those shown in the Arboricultural Monitoring Schedule in Appendix 5. This monitoring regime will be agreed with the local authority arboricultural officer prior to the commencement of works on site. 🌿 A fully auditable site monitoring log will be prepared following each visit, a copy of which will be retained on site and provided to the local authority arboricultural officer to comply with Condition 8.	following appointment by contractor.
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7 Further Considerations

7.1 Protected Species

All trees should be checked for protected species e.g. roosting bats and nesting birds prior to any works being undertaken. Failure to undertake adequate inspections that result in the disturbance of protected species may result in the contravention of wildlife legislation and the committing of a criminal offence.

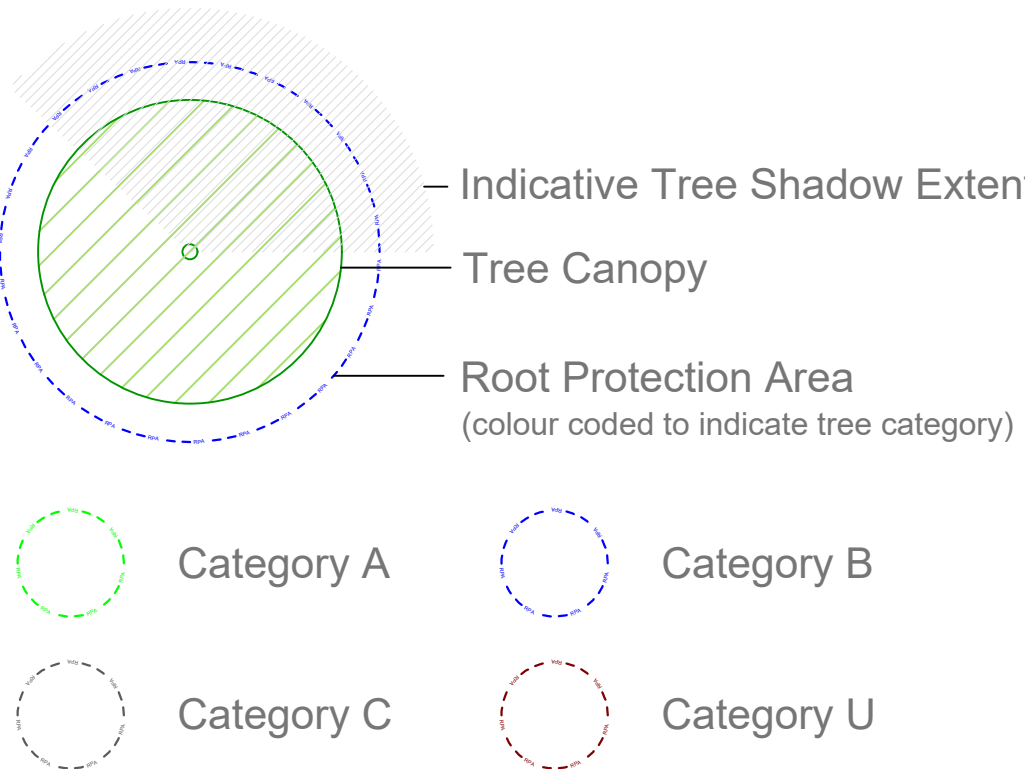


Appendix 1 – Tree Retention Plan and Tree Protection Plan

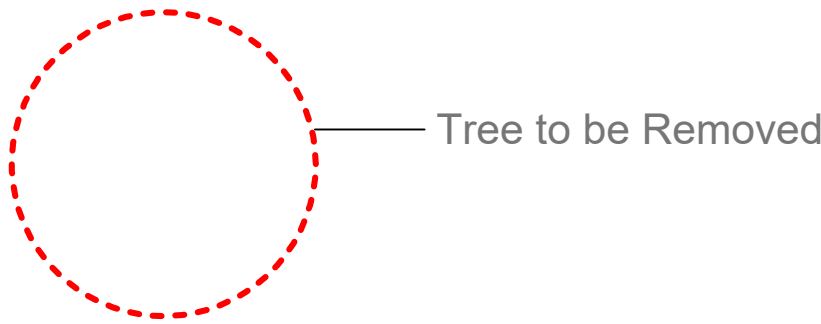


Key:

Trees To Be Retained



Trees To Be Removed



Scale @ A1: 1:750

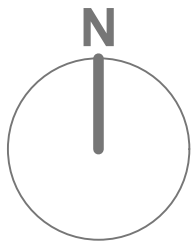
Drawing should be viewed in colour.
Location of trees suffixed with PA (position approximate) have been estimated on site.

Drawing Title:
Tree Retention Plan

Project:
North Bradley, Trowbridge

Client:
Allison Homes SW Limited

Date: 24/06/2026	Drawn: KO
Drawing Number: 3208-TRP-KO	Revision: 1





Appendix 2 – Tree Survey Schedule

Feature Number	Species	Height (m)	Stem Ø (mm)	Crown Spread (m)				Height above ground (m)		Life Stage	Physiological Condition	Structural Condition	Root Protection Area (m²)	Root Protection Radius (m)	Category	Suitable Useful Life Expectancy
				N	E	S	W	Crown	1st Sig. Branch							
T1	Elder	5	2x150 2x100	2	2	2	1	1	1	Early Mature	Good	Fair	30.2	3.1	C 1	40+
Comments	Tree growing through boundary fence. Partially obstructed by T2 to west. Concrete in RPA.										Management	None at the time of survey.				
T2	Hawthorn	6	170 2x80	3	3	3	3	2	1	Early Mature	Good	Good	18.1	2.4	C 1	40+
Comments	Growing through boundary fence. Concrete path within RPA.										Management	None at the time of survey.				
G3	Large-leaved lime, Horse chestnut, Apple	Up to 15	Up to 500	5	5	5	3	2 Av	3 S	Early Mature - Mature	Good	Good	113.0	6.0	B 1/2	40+
Comments	Attractive boundary planting. Provides screening from roundabout to north-west. Offsite, dimensions estimated. DBH range 200-500mm.										Management	None at the time of survey.				
G4	Apple	Up to 7	Up to 250 Est	2	3	4	3	1 Av	1 S	Early Mature	Fair	Poor	28.3	3.0	C 1	20+
Comments	Four trees. Dense ivy on middle tree. Offsite, with all crowns leaning south into site. Dense bramble and ivy inhibited thorough inspection. Dimensions estimated.										Management	None at the time of survey.				
T5	Apple	7	2x175 200 250	3	3	5	4	0 S	1 S	Early Mature	Fair	Poor	75.4	4.9	C 1	20+
Comments	Minor deadwood. South side crown leading into site. Evidence of minor pruning on south face. Split in one stem at 3m. Offsite in boundary group.										Management	None at the time of survey.				
G6	Rowan	7	150	0	2	0	2	N/A	N/A	Dead	Poor	Poor	10.2	1.8	U	N/A
Comments	Two dead trees growing offsite in boundary group.										Management	None at the time of survey.				
G7	Apple	5	Up to 2x150 4x80	3	3	4	3	2 Av	2 S	Early Mature	Fair	Fair	28.3	3.0	B 2	20+
Comments	Three trees. South most tree canopy oversails site. Offsite, dimensions estimated.										Management	None at the time of survey.				
H8	Hawthorn, Ash	4	100	2	2	2	2	0 Av	N/A	Early Mature	Good	Good	4.5	1.2	B 3	40+
Comments	Boundary hedge. Provides screening from road to west. ADD symptoms in ash.										Management	None at the time of survey.				
T9	Ash	6	200	3	3	3	3	2 Av	3 Av	Semi Mature	Good	Fair	18.1	2.4	C 1	10+
Comments	Unable to inspect stem due to ivy. ADD symptoms.										Management	None at the time of survey.				

Key

T: Tree G: Group H: Hedgerow W: Woodland Av: Average
Est: Estimated Dimension Comb: Combined Stem Diameter



Feature Number	Species	Height (m)	Stem Ø (mm)	Crown Spread (m)				Height above ground (m)		Life Stage	Physiological Condition	Structural Condition	Root Protection Area (m²)	Root Protection Radius (m)	Category	Suitable Useful Life Expectancy
				N	E	S	W	Crown	1st Sig. Branch							
T10	Ash	4	2x200	3	3	3	3	1 Av	2 Av	Semi Mature	Fair	Good	36.3	3.4	C 1	10+
Comments	Growing in hedgerow.										Management	None at the time of survey.				
G11	Ash	5	3x80	2	2	2	2	3 Av	2 Av	Young	Fair	Fair	9.1	1.7	C 2	10+
Comments	Early ADD. Growing out of hedgerow. Some dead stems.										Management	None at the time of survey.				
T12	Ash	7	10x100	3	3	3	3	1 Av	2 Av	Semi Mature	Fair	Good	45.3	3.8	C 1	10+
Comments	Multiple stems from base. Previously coppiced.										Management	None at the time of survey.				
T13	Ash	7	10x80	3	3	3	3	1 Av	2 Av	Semi Mature	Fair	Fair	28.3	3.0	C 1	10+
Comments	Multiple stems from base. Previously coppiced.										Management	None at the time of survey.				
G14	English Elm	6	100	3	3	3	3	2 Av	2 Av	Dead	Poor	Poor	4.5	1.2	U	N/A
Comments	Group of dead elms.										Management	Remove if position in the development proves unsafe.				
H15	Hawthorn	4	Up to 4x80	2	2	2	2	1 Av	N/A	Semi Mature	Good	Good	11.3	1.9	B 3	20+
Comments	Mixed hedge of dead elms, thorn and bramble.										Management	None at the time of survey.				
H16	Elm, Hawthorn, Blackthorn	4	100	2	2	2	2	2 Av	2 Av	Early Mature	Good	Good	4.5	1.2	B 2	20+
Comments	Unmanaged hedgerow developing to linear group. Many dead elms throughout up to 8m tall. Dense bramble. Flailed on face.										Management	None at the time of survey.				
H17	Elm, Hawthorn, Blackthorn	4	100	2	2	2	2	2 Av	2 Av	Early Mature	Good	Good	4.5	1.2	B 2	20+
Comments	Unmanaged hedgerow developing to linear group. Many dead elms throughout up to 8m tall. Dense bramble. Flailed on face.										Management	None at the time of survey.				
G18	Ash	6	170	3	3	3	3	2 Av	2 Av	Young	Good	Fair	13.1	2.0	C 1	10+
Comments	Three trees. Growing into post and rail fence. Concrete path to north. Limited signs of ADD.										Management	None at the time of survey.				
H19	Elm, Hawthorn, Blackthorn	4	100	2	2	2	2	2 Av	2 Av	Early Mature	Good	Good	4.5	1.2	B 2	20+
Comments	Unmanaged hedgerow developing to linear group. Many dead elms throughout up to 8m tall. Dense bramble. Flailed on face.										Management	None at the time of survey.				
T20	Pedunculate Oak	16	1200	9	9	9	9	5 Av	4 N	Mature	Good	Good	651.1	14.4	A 1	40+

Key

T: Tree G: Group H: Hedgerow W: Woodland Av: Average
Est: Estimated Dimension Comb: Combined Stem Diameter



Feature Number	Species	Height (m)	Stem Ø (mm)	Crown Spread (m)				Height above ground (m)		Life Stage	Physiological Condition	Structural Condition	Root Protection Area (m²)	Root Protection Radius (m)	Category	Suitable Useful Life Expectancy
				N	E	S	W	Crown	1st Sig. Branch							
Comments	Major deadwood in crown. Evidence of snapped and removed limb on western and northern faces. Some cavities. Dead branch on south face. Ditch to east.										Management	None at the time of survey.				
T21	Pedunculate Oak	15	870	8	8	8	6	2 Av	2 Av	Mature	Good	Fair	342.2	10.4	B 1/2	40+
Comments	Minor deadwood in crown. Ditch to east. Slight lean north. Snapped limb to south. Epicormic growth at base. Major limb snapped to east.										Management	Monitor.				
T22	English Elm	10	200	2	2	2	2	0	0	Dead	Poor	Poor	18.1	2.4	U	0
Comments	Dead fallen elm.										Management	None at the time of survey.				
H23	Hawthorn	3	100	2	2	2	2	1 Av	N/A	Semi Mature	Good	Good	4.5	1.2	B 3	20+
Comments	Mixed hedge of dead elms, thorn and bramble. Elms 8m. Dead, some fallen.										Management	None at the time of survey.				
T24	Field Maple	8	250	3	2	3	3	2 Av	3 Av	Early Mature	Good	Good	28.3	3.0	B 1	30+
Comments	Growing within hedgerow. Minor cavity in one west facing branch.										Management	None at the time of survey.				
H25	Hawthorn, Blackthorn	4	100	2	2	2	2	1 Av	N/A	Semi Mature	Good	Good	4.5	1.2	B 3	20+
Comments	Mixed hedge of dead elms, thorn and bramble.										Management	None at the time of survey.				
T26	Field maple	8	300	4	4	4	4	3 Av	2 Av	Semi Mature	Good	Good	40.7	3.6	B 1	40+
Comments	Off site.										Management	None at the time of survey.				
T27	Field maple	8	250	4	4	4	4	1 Av	2 Av	Semi Mature	Good	Good	28.3	3.0	B 1	40+
Comments	Off site. Leaning west into site.										Management	None at the time of survey.				
W28	Field maple, Pedunculate Oak, Blackthorn, Hawthorn, Ash	17	Up to 500	6	6	6	6	2 Av	3 Av	Early Mature - Mature	Good	Good	113.0	6.0	B 3	40+
Comments	Woodland group outside site boundary. Provides some screening of road to east. On far side of ditch.										Management	None at the time of survey.				
H29	Hawthorn, Blackthorn	3	100	2	2	2	2	1 Av	N/A	Semi Mature	Good	Good	4.5	1.2	B 3	20+
Comments	Mixed hedge of thorn and bramble.										Management	None at the time of survey.				

Key

T: Tree G: Group H: Hedgerow W: Woodland Av: Average
Est: Estimated Dimension Comb: Combined Stem Diameter



Tree Survey Schedule

Feature Number	Species	Height (m)	Stem Ø (mm)	Crown Spread (m)				Height above ground (m)		Life Stage	Physiological Condition	Structural Condition	Root Protection Area (m²)	Root Protection Radius (m)	Category	Suitable Useful Life Expectancy
				N	E	S	W	Crown	1st Sig. Branch							
T30	Field maple	9	10x150	4	4	4	4	2 Av	2 Av	Semi Mature	Good	Good	102.0	5.7	B 3	40+
Comments	Growing in hedgerow.										Management	None at the time of survey.				
T31	Hawthorn	7	250 Comb	3	3	3	3	1 Av	1 Av	Mature	Good	Good	28.3	3.0	B 1	40+
Comments	Multiple stems from base.										Management	None at the time of survey.				
H32	Hawthorn, Blackthorn	3	100 Av	2	2	2	2	1 Av	N/A	Semi Mature	Good	Good	4.5	1.2	B 3	20+
Comments	Mixed hedge of dead elms, thorn and bramble. Many fallen elms.										Management	Monitor and remove elms as necessary.				
G33	Ash	8	200 Est	3	3	3	3	3 Av	4 Av	Early Mature	Good	Good	18.1	2.4	C 1	20+
Comments	Three trees growing out of hedgerow. Limited signs of ADD.										Management	None at the time of survey.				
T34	Hornbeam	10	400 Est	4	4	4	4	3 Av	3 Av	Semi Mature	Good	Good	72.3	4.8	B 1	40+
Comments	Off site. In 3rd party garden. 5x stems from 1.5m. Growing behind fence. Dimensions estimated.										Management	None at the time of survey.				
T35	Ash	10	300	7	7	6	6	3 Av	3 Av	Early Mature	Fair	Fair	40.7	3.6	B 2	10+
Comments	Off site. Canopy oversailing site. Early symptoms of ADD. Cavity on eastern branch ~30cm. Minor deadwood. Some epicormic growth.										Management	None at the time of survey.				
G36	Hawthorn, Elm	Up to 8	Up to 150	2	2	2	2	2 Av	1 Av	Early Mature	Good	Good	10.2	1.8	B 2	40+
Comments	Dead standing elm in group. Partially offsite. Dimensions estimated.										Management	None at the time of survey.				
T37	Ash	16	500	7	7	7	7	4 Av	4 Av	Semi Mature	Fair	Fair	113.0	6.0	B 2	10+
Comments	Off site. Snapped branches to north and south. Minor deadwood. Early symptoms of ADD.										Management	None at the time of survey.				
T38	Ash	8	300	5	5	5	5	2 Av	2 Av	Early Mature	Fair	Fair	40.7	3.6	C 1	10+
Comments	Off site. Evidence of pruning. Two upright stems.										Management	None at the time of survey.				
T39	White willow	12	300	5	5	5	5	2 Av	2 Av	Semi Mature	Good	Fair	40.7	3.6	B 1	10+
Comments	Off site in 3rd party garden. Three stems from 1.5m.										Management	None at the time of survey.				

Key

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Feature Number	Species	Height (m)	Stem Ø (mm)	Crown Spread (m)				Height above ground (m)		Life Stage	Physiological Condition	Structural Condition	Root Protection Area (m²)	Root Protection Radius (m)	Category	Suitable Useful Life Expectancy
				N	E	S	W	Crown	1st Sig. Branch							
T40	White willow	13	300 2x250 3x150	7	7	7	7	2 Av	2 Av	Semi Mature	Good	Good	102.0	5.7	B 1	40+
Comments	Off site in 3rd party garden. Canopy oversailing. 6x stem from base.										Management	None at the time of survey.				
H41	Field maple	2	<75	0.5	0.5	0.5	0.5	2 Av	2 Av	Early Mature	Good	Good	2.5	0.9	C 1	40+
Comments	Recently planted. Flail managed.										Management	None at the time of survey.				
T42	Ash	12	300	4	4	4	4	3 Av	4 Av	Semi Mature	Fair	Fair	40.7	3.6	C 1	10+
Comments	Off site. No immediate signs of ADD.										Management	None at the time of survey.				
G43	Willow, Hawthorn	3	100 Av	2	2	2	2	2 Av	2 Av	Young	Good	Good	4.5	1.2	C 3	40+
Comments	Patch of scrubland with bramble and thorn.										Management	None at the time of survey.				
T44	Willow	6	8x 80 Est	3	3	3	3	2 Av	1 Av	Early Mature	Good	Good	22.9	2.7	C 1	30+
Comments	Growing in dense bramble scrub. Dimensions estimated.										Management	None at the time of survey.				
T45	Ash	10	300	5	5	5	5	2 Av	3 Av	Early Mature	Fair	Fair	40.7	3.6	B 1	20+
Comments	Advanced symptoms of ADD. Major epicormic growth. Two co-dominant stems from 2m. Minor deadwood. Off site. Canopy oversailing site.										Management	None at the time of survey.				
T46	Pedunculate Oak	17	1100	6	9	12	9	2 Av	8 Av	Mature	Good	Good	547.1	13.2	A 1	40+
Comments	Minor deadwood. Infield oak.										Management	None at the time of survey.				
T47	Ash	6	100	2	2	2	2	3 Av	2 Av	Young	Good	Poor	4.5	1.2	C 1	10+
Comments	Major bark wounding on stem.										Management	None at the time of survey.				
G48	Hawthorn, Ash, Field Maple, Elm	8	2x100	2	2	2	2	3 Av	2 Av	Semi Mature	Good	Good	9.1	1.7	B 1	30+
Comments	Early ADD in ash. Powerline running through group. Track to west. Some dead elms in group. Small section of hawthorn hedgerow in the northern most section of the group.										Management	None at the time of survey.				
G49	Beech	8	200 Av	4	4	4	4	3 Av	2 Av	Semi Mature	Good	Fair	18.1	2.4	B 3	40+
Comments	Three trees growing in a tight group. Off site in rear garden.										Management	None at the time of survey.				
T50	Ash	8	4x 150	4	4	4	4	2 Av	4 Av	Semi Mature	Fair	Good	40.7	3.6	C 1	10+

Key

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Feature Number	Species	Height (m)	Stem Ø (mm)	Crown Spread (m)				Height above ground (m)		Life Stage	Physiological Condition	Structural Condition	Root Protection Area (m²)	Root Protection Radius (m)	Category	Suitable Useful Life Expectancy	
				N	E	S	W	Crown	1st Sig. Branch								
Comments	Off site. Previously crown reduced.										Management	None at the time of survey.					
G51	Elm, Beech	5	Up to 2x90	2	2	2	2	2 Av	1 Av	Young	Good	Good	7.1	1.5	C 1	30+	
Comments	Self set trees on site.										Management	None at the time of survey.					
H52	Beech	2	75	1	1	1	1	0 Av	N/A	Early Mature	Good	Good	2.5	0.9	B 1	40+	
Comments	Boundary hedge.										Management	None at the time of survey.					
T53	Ash	11	600	5	5	5	5	4 Av	4 Av	Mature	Poor	Poor	162.8	7.2	C 1	10+	
Comments	Advanced symptoms of ADD. Major epicormic growth. Dieback in crown. Major deadwood. Off site, dimensions estimated.										Management	None at the time of survey.					
T54	Lombardy Poplar	18	700 Comb	5	5	5	5	3 Av	3 Av	Mature	Fair	Fair	221.6	8.4	B 1	40+	
Comments	Off site. Three stems from base. Some deadwood.										Management	None at the time of survey.					
T55	Ash	9	3x 250	4	4	4	4	4 Av	4 Av	Early Mature	Fair	Fair	84.9	5.2	C 1	10+	
Comments	Off site. ADD symptoms. Buildings to south. Slight lean north.										Management	None at the time of survey.					
T56	Ash	9	450	3	3	3	3	3 Av	3 Av	Early Mature	Fair	Fair	91.6	5.4	C 1	10+	
Comments	Off site. ADD symptoms. Buildings to south. Slight lean north.										Management	None at the time of survey.					
T57	Apple	6	250	3	3	3	3	3 Av	3 Av	Mature	Fair	Poor	28.3	3.0	B 1	20+	
Comments	Off site. One main stem snapped. Canopy oversailing site.										Management	None at the time of survey.					
T58	Crack Willow	10 Est	1x 600 1x 200	3	6	5	6	4 Av	1 E	Late Mature	Fair	Poor	181.4	7.6	U	10+	
Comments	Off site. In decline. Heavy lean to east and west. Covered in ivy.										Management	Monitor.					
T59	Crack Willow	9	300	6	3	3	3	2 N	1 N	Early Mature	Fair	Fair	40.7	3.6	C 1	10+	
Comments	Leans into site. Covered in ivy. Off site.										Management	None at the time of survey.					
H60	Ash, Elm	Up to 6	Up to 150	2	2	2	2	1 Av	1 Av	Early Mature	Good	Good	10.2	1.8	B 3	40+	
Comments	Mixed boundary trees both on and off site. Varying ADD in ash. Concrete to south in the south most section.										Management	None at the time of survey.					

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Tree Survey Schedule

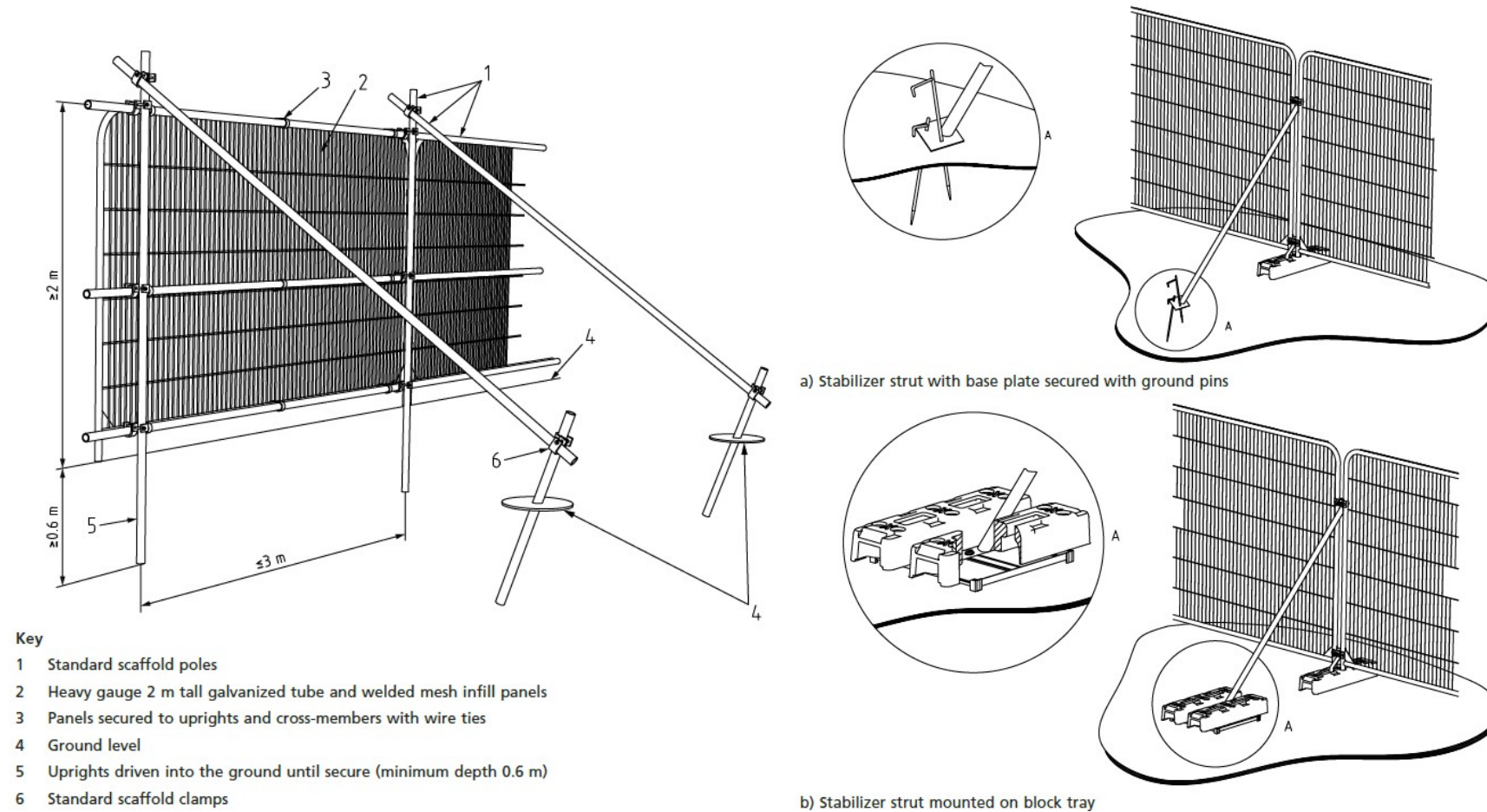
Feature Number	Species	Height (m)	Stem Ø (mm)	Crown Spread (m)				Height above ground (m)		Life Stage	Physiological Condition	Structural Condition	Root Protection Area (m²)	Root Protection Radius (m)	Category	Suitable Useful Life Expectancy
				N	E	S	W	Crown	1st Sig. Branch							
H61	Hawthorn, Blackthorn	4	3x 80 Av	2	2	2	2	1 Av	1 Av	Semi Mature	Good	Good	9.1	1.7	B 3	20+
Comments	Mixed hedge of dead elms, thorn and bramble.										Management	None at the time of survey.				
H62	Hawthorn, Blackthorn, Ash, Elm	4	100 Av	2	2	2	2	1 Av	1 Av	Semi Mature	Good	Good	4.5	1.2	B 3	20+
Comments	Mixed hedge of dead elms, thorn and bramble. Some fallen elms.										Management	Inspect and remove elms as necessary.				
H63	Blackthorn	3	75	2	2	2	2	0 Av	N/A	Young	Good	Good	2.5	0.9	C 2	30+
Comments	Self set scrub below W77.										Management	None at the time of survey.				
G64	Hawthorn, Field Maple	6	4x 80	3	3	3	3	2 Av	2 Av	Early Mature	Good	Good	11.3	1.9	C 2	30+
Comments	Growing on the edge of woodland. Concrete path to north.										Management	None at the time of survey.				
T65	Hawthorn	7	250 75	3	3	3	3	2 Av	2 Av	Early Mature	Good	Good	30.2	3.1	B 1/2	30+
Comments	Footpath within RPA. Screens road. Growing into boundary fence.										Management	None at the time of survey.				

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Appendix 3 – Tree Protection Fencing Specification



Default Specification

Above-ground Stabilising System

(Images extracted from BS5837:2012 'Trees in relation to design, demolition and construction – Recommendations')

Appendix 4 – Example Tree Protection Fencing Signage



Appendix 5 – Arboricultural Monitoring Schedule

Work Phase	Relevant Arboricultural Feature(s)	Arboricultural Supervision Required	Responsibility
Enabling	All arboricultural features	Pre-commencement site meeting to discuss tree protection measures and phasing of works.	Contractor/ arboriculturist/ client
Enabling	All retained trees and hedgerows	Certification of completed tree works by project arboriculturist to ensure the works have been undertaken to the approved tree works specification.	Project arboriculturist.
Enabling	All retained trees and hedgerows	Certification of tree protection barriers by project arboriculturist to ensure they have been erected in accordance with the specification detailed in BS5837:2012.	Project arboriculturist/ contractor
Enabling and Construction	All retained trees and hedgerows	Ad-hoc arboricultural site visits to inspect tree protection measures.	Project arboriculturist
Completion	All retained trees and hedgerows	Certification that works have been completed and tree protection barriers can be removed without residual risk to arboricultural features.	Project arboriculturist/ contractor

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