



ARBORICULTURAL METHOD STATEMENT

to BS 5837:2012 at:

***The Homestead,
Hurst Knowle,
Almondbury,
HD5 8FD***

Prepared for: *Highstone Building Services*

Date: *May 2025*

AWA Reference: AWA6641AMS

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Revision 02
Auth By: APW
Date: 27/03/2025

Executive Summary

This Arboricultural Method Statement has been prepared in accordance with BS 5837:2012 – Trees in Relation to Design, Demolition and Construction – Recommendations to outline how retained trees will be protected throughout the proposed development.

Drawing on the findings of a detailed tree survey (Ref: AWA6473), this document sets out a clear timeline for the implementation of tree management and protection measures before, during, and after construction. It includes specifications for required tree works, protective fencing and ground protection, and detailed guidance for any activities within or adjacent to Root Protection Areas (RPAs).

A copy of this document must remain on site for the duration of all development activities and must be adhered to in full to ensure compliance with planning conditions and to safeguard the long-term health of retained trees.

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1. Introduction

1.1 Instruction

1.1.1 We were instructed by Highstone Building Services to prepare an arboricultural method statement for the proposed development.

1.2 Purpose

1.2.1 This method statement has been prepared in order to demonstrate that the development operations at this site can be undertaken with minimal risk of adverse impact on the trees to be retained.

1.2.2 This method statement conforms to BS 5837:2012 *Trees in relation to design, demolition and construction - Recommendations*. It is based on the arboricultural data, collected at a site visit during January 2025, detailed within Appendix 3 of this report.

1.3 Description of Development

1.3.1 It is proposed to demolish the existing building and build a new residential development with associated access, parking, landscaping and facilities. The proposed development layout has been provided by my client and is the basis for the Tree Protection Plan at Appendix 4.

1.4 Details of Consent

1.4.1 Planning consent is subject to this method statement being agreed upon in advance by the Local Planning Authority. The contents of this report must be adhered to, before, during, and after the construction phase.

1.4.2 As such, no equipment, machinery or materials shall be brought onto the site in connection with the development until this arboricultural method statement detailing tree management and tree protection measures has been submitted to and approved by the Local Planning Authority.

1.5 Legal

- 1.5.1 The following advice is for guidance purposes only. Some trees are protected by legislation, and it is essential that the legal status of trees is established prior to carrying out works to them.
- 1.5.2 Unauthorised work to protected trees could lead to prosecution, resulting in enforcement action such as fines or a criminal record. Tree Preservation Orders, Conservation Areas, Planning Conditions, Felling Licences or Restrictive Covenants legally protect many trees in the UK.
- 1.5.3 An online search was undertaken with Kirklees Council on 01/05/25 to check whether any trees at the site are protected by a Tree Preservation Order or are located within a Conservation Area. As of this date **no trees at the site are protected** by a Tree Preservation Order or are within a Conservation Area.
- 1.5.4 Due to the large potential penalties for illegally carrying out work to protected trees, before authorising any tree works a further check should be made with the Local Planning Authority to confirm if any trees are covered by a Tree Preservation Order or are within a Conservation Area. If either applies, then statutory permission is required before any works can take place (unless such work is approved as part of full planning permission).
- 1.5.5 The Multi-Agency Geographical Information for the Countryside (MAGIC) website was used to search for areas of ancient woodlands listed on the Ancient Woodland (DEFRA 2021), and a check for catalogued Ancient and Veteran trees using the woodland trust ancient tree inventory (ATI) (Woodland Trust 2021).
- 1.5.6 It was confirmed that there are no designated ancient woodlands or veteran or ancient trees within the survey area.
- 1.5.7 Trees provide a wide range of habitats for many species, some of which are legally protected such as bats, nesting birds, badgers and dormice. It is essential that appropriate care is taken to ensure that this legislation is not contravened.
- 1.5.8 When appointing a tree surgeon, only properly qualified and experienced companies should be used, who have adequate Public Liability and Employer's Liability Insurance.
- 1.5.9 All tree work should be carried out according to British Standard 3998:2010 Tree Work - Recommendations.

2. Method Statement Timeline

2.1 Overview of Sequence of Operations

2.1.1 In overview, it is necessary to undertake the following sequence of operations in relation to arboricultural input for development operations.

- 1 Method statement approved by the LPA
- 2 Undertake tree works
- 3 Install tree protection measures
- 4 Pre commencement meeting/ confirm fencing is as specified
- 5 Construct new development
- 6 Remove tree protection fencing and undertake paving/soft landscaping within RPAs.

2.2 Specific Sequence of Operations

2.2.1 The following timeline table informs the key principles for development operations proceeding in relation to arboricultural requirements conditioned as part of this method statement.

2.2.2 The actions and timescales within this table must be adhered to in order to discharge the arboricultural method statement planning condition for this site.

2.2.3 The precise timing and order of some of the development operations may need to be changed due to site specific operational requirements, yet any operations that may affect the trees on the site must be done so under arboricultural supervision by a suitably qualified person appointed by the contractor.

Sequence of Operations		
Stages	Action	Arboricultural Input
1 Approval	This AMS is submitted to and approved in writing by the LPA.	If necessary, liaise with contractor and LPA to discuss methodologies detailed.
2 Tree Works	Tree removals and pruning works shall be carried out as the first operation on site, in accordance with Appendix 3 and as detailed in section 3.1.	Review the tree work requirements with the tree contractor. If necessary, liaise with the contractor on site during tree works.
3 Tree Protection	Installation of the tree protection measures will take place as shown at Appendix 4, prior to any storage of plant, materials and machinery.	If necessary, liaise with the contractor installing the tree protection measures until completed to the standard specified in this method statement.
4 Site Meeting	Following installation of tree protection measures, the LPA shall be invited to inspect the fencing and discuss any other site operations that have implications for trees.	Meeting with a representative of the LPA and the site manager. Alternatively, contractor can confirm the protection measures, and tree works are as specified by taking photographs.
5 Construction	Undertake the construction of the new development.	If necessary, liaise with the local authority and the site foreman to ensure any issues are adequately resolved.
6 Site Finishing	Removal of tree protection fencing must only be undertaken when all site traffic and machinery has left the site. Undertake associated landscaping within RPAs.	If acceptable to the LPA, the contractor can take photographs of the site to give to the LPA to gain approval for the removal of the tree protection fencing.

3. Tree Management

3.1 Tree Works

- 3.1.1 Removals: T1 – T8, G21, T26, T29, T32 and T36.
- 3.1.2 Ash T19: Pruning work is required to reduce the southern canopy of T19 to provide adequate clearance for the proposed development. The smaller third order branches that hang down from any main limbs will require pruning back to suitable points to achieve the required clearance, reducing the crown by 2-3m. No branches over 8cm in diameter should be pruned.
- 3.1.3 Beech T34: Pruning work is required to reduce the northern canopy of T19 to provide adequate clearance for the proposed development. The smaller third order branches that hang down from any main limbs will require pruning back to suitable points to achieve the required clearance, reducing the crown by 2-3m. No branches over 8cm in diameter should be pruned.
- 3.1.4 G35: This will require minor pruning to avoid future nuisance issues. G35 requires pruning works to reduce the crown from the north, back to the boundary to provide adequate clearance for the development. Do not prune beyond the boundary.
- 3.1.5 All tree work must be carried out according to British Standard 3998:2010 Tree Work - Recommendations.
- 3.1.6 When appointing a tree surgeon, only properly qualified and experienced companies should be used, who have adequate Public Liability and Employer's Liability Insurance.

4. Tree Protection

4.1 Tree Protection Fencing

- 4.1.1 The tree protection fencing for this site should be located as shown on the Tree Protection Plan at Appendix 4 (as illustrated with a thick purple or orange line).

- 4.1.2 The tree protection fencing will be appropriate to the degree and proximity of likely construction works. In this instance, due to the ground conditions an adequate level of protection for the trees could be provided by a mix of plastic mesh fencing and secured 'Heras' type fencing, of welded mesh panels on rubber or concrete feet (see Figures at Appendix 1 for examples).
- 4.1.3 The precise fencing location may need to be slightly adjusted on site due to local site conditions but is not expected to differ from that shown on the Tree Protection Plan. The final fencing position must be agreed on by the LPA before the commencement of any site works.
- 4.1.4 The tree protection fencing details should be incorporated into relevant subsequent plans, method statements used for design purposes and construction drawings issued for use on site, to ensure that all interested parties are fully aware of the areas in which access and works may and may not take place.
- 4.1.5 The fencing should be joined together using a minimum of two anti-tamper couplers, installed so that they can only be removed from inside the fence (see Appendix 1 for an example). The fencing panels should be supported on the inner side by stabilizer struts, which should normally be attached to a base plate secured with ground pins or mounted on a block tray (see Appendix 1 for an example).
- 4.1.6 The area enclosed by the fencing is referred to as the Construction Exclusion Zone (CEZ); this area should be considered a restricted area. No pedestrians, vehicles, storage of materials, equipment or machinery should be allowed within the CEZ unless specified in this method statement. The site manager must ensure that all personnel are aware of the restrictions that apply to the fenced-off area.
- 4.1.7 Once the fencing is erected, waterproof warning signs labelled 'Tree Protection Area' should be placed at 3m intervals to ensure that all personnel are aware of the restrictions that apply to the fenced-off area (see at Appendix 1 for example signs).
- 4.1.8 The tree protection fencing should be inspected for faults or damage by the site manager or other responsible named person on a regular basis and a written record kept. Any faults or defects should be repaired or replaced as soon as is reasonably practicable. The Tree

Protection Fencing shall not be removed, breached or altered without prior written authorisation from the local planning authority and under arboricultural supervision by a suitable named responsible individual appointed by the site manager.

5. Works Close To Retained Trees

5.1 Demolition

- 5.1.1 The demolition of the existing derelict care home at the site will take place close to the RPAs of retained trees.
- 5.1.2 The demolition works should not adversely impact on the health or future condition of the trees provided the demolition is undertaken from the east, inwards from within the footprint of the existing building (often referred to as “top down, pull back”).
- 5.1.3 All plant and vehicles engaged in the demolition works should operate outside of the RPAs of retained trees.
- 5.1.4 Where an existing hard surface is scheduled for removal, care should be taken not to disturb tree roots that might be present beneath it. Hand-held tools should be used to remove the existing surface, working backwards over the area. If a new hard surface is to be laid, it might be preferable to leave any existing sub-base in situ, augmenting it where required.
- 5.1.5 The advice of the project arboriculturist should be sought where underground structures present within the RPA are, or will become, redundant. In general, it is preferable to leave such structures in situ, as their removal could damage adjacent tree roots.

5.2 New Boundary Fencing

- 5.2.1 New boundary fencing is to be installed within the RPAs of retained trees T30, G31, T33, T34 and G35
- 5.2.2 The encroachment into the trees’ RPAs should not significantly adversely impact on the health or future condition of the trees, provided posts and panels type footings are used as opposed to strip

footings, with the holes for the posts dug by hand, avoiding significant tree roots where possible.

5.3 Drainage and Utilities

5.3.1 New drainage and underground utilities are to be positioned outside of the RPAs of retained trees, and above ground utilities will be routed away from areas where they are likely to interfere with the retained trees' crowns.

5.3.2 NJUG 10: Guidelines for the Planning, Installation and Maintenance of Utility Services in Proximity to Trees should be considered when installing services.

5.4 Additional Precautions

5.4.1 Allowance should be made for operations outside of the CEZ that could indirectly impact on trees. Including space for site huts, temporary toilet facilities (including their drainage) and other temporary structures; and space for storing (whether temporary or long-term) materials.

5.4.2 Care must be taken to prevent contamination with chemical spillages, including petrol, diesel and oils. Cement mixers and any other toxic materials should not be permitted within the RPA of the trees. Any materials whose accidental spillage would cause damage to a tree should be stored and handled well away from the outer edge of its RPA.

5.4.3 Fires on the site should be avoided if possible. Where they are unavoidable, and approved by the Local environmental health authority, they should not be lit in a position where heat could affect foliage or branches. The potential size of a fire and the wind direction should be considered when determining its location, and it should be attended always until safe enough to leave.

5.5 Post Construction Landscaping

5.5.1 Many of the trees on site may be subject to some form of landscaping or seeding beneath their canopies after the development phase. At

this stage the protective fencing will have been removed and the property may be occupied.

- 5.5.2 Landscaping works should be carried out in such a way as to avoid ground level changes or deep digging. Tractor mounted rotovation or other mechanised cultivation methods must not be used.
- 5.5.3 No heavy machinery should be brought into the vicinity of retained trees.
- 5.5.4 Herbicides should be appropriate for the purpose and should not be used in such a way as to damage any retained trees or vegetation.

6. Signature

I trust this report provides all the required information.

Signed

Redacted

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Adam Winson

Chartered Arboriculturist, MSc, BSc (Hons), MICFor, AIEEM

1st May 2025

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Our Charity Partner: Kids Plant Trees

At AWA Tree Consultants, we are proud to partner with the local charity, Kids Plant Trees. This collaboration allows us to support a cause that reflects our commitment to trees and the environment while making a positive impact on local communities.

Kids Plant Trees is a grassroots charity dedicated to improving tree equity by planting trees in underserved areas with limited green spaces, often in communities facing higher levels of deprivation.

We are proud to support their mission to create greener, healthier environments for future generations.



Appendix 1: Images and Figures

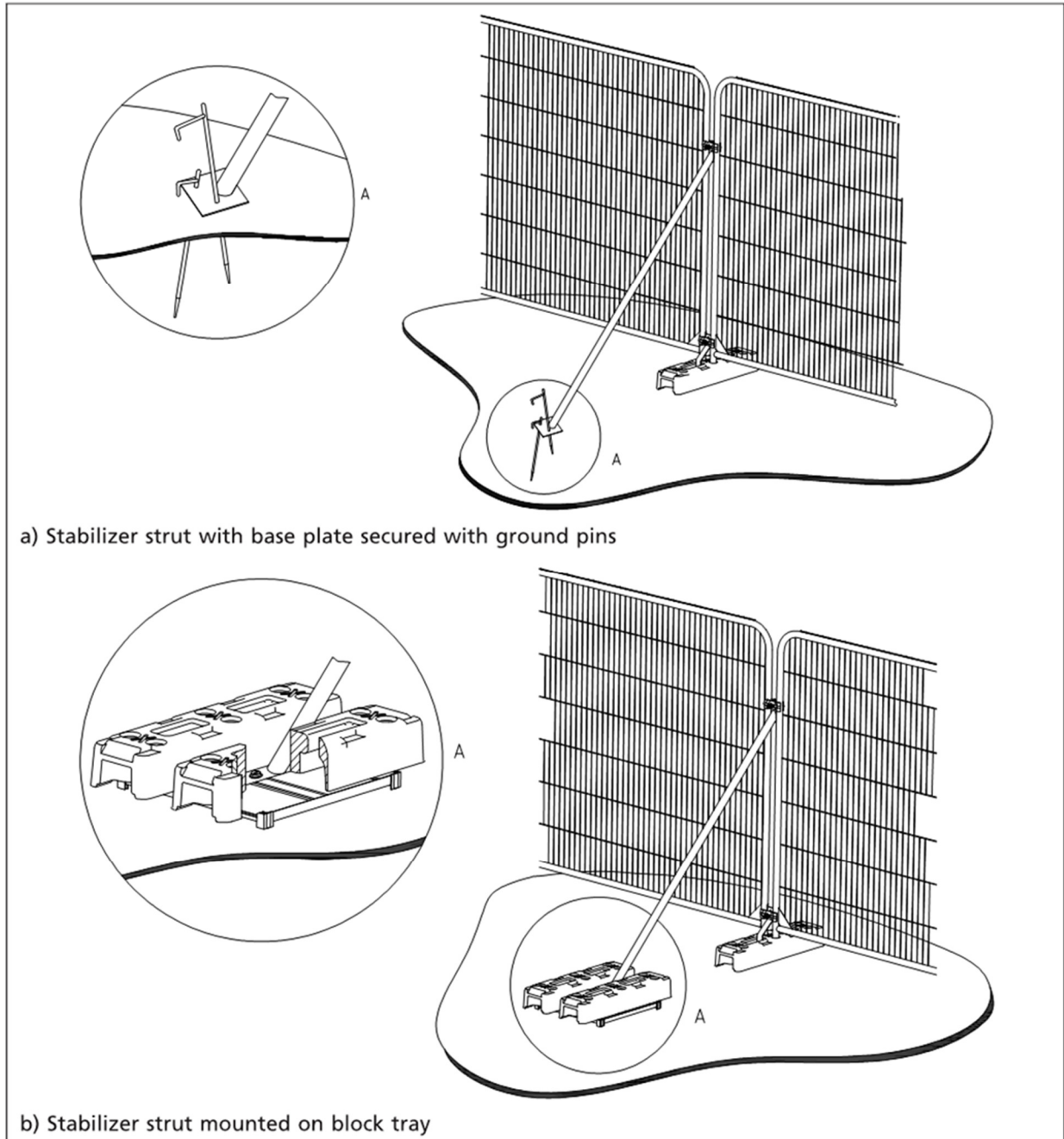


Figure 1: Secured 'Heras' type fencing with stabilizing system and fixed central pins (©BSI)



Figure 2: Secured 'Heras' type fencing with stabilizing system and anti-tamper couplers



Figure 3: Anti-tamper couplers to secure fencing and avoid unauthorised access



Figure 4: Plastic mesh fencing secured with heavy duty metal stakes



Figure 5: Warning sign for fencing



Figure 6: Example of A3 correx tree protection warning sign fixed to fencing panel

Appendix 2: Relevant Contact Details

Contact Name	Organisation/ Details	Contact Number	Contact E-mail
Daisy Airstone	Highstone Building Services	01484 504 222	daisyairstone@highstonegroup.co.uk
Adam Winson	AWA Tree Consultants Ltd	0114 272 1124	adam@awatrees.com
Joe Robertson	Kirklees Council. Tree Officer.	01484 414 909	dc.admin@kirklees.gov.uk

Tree ID	Tree Species		Maturity	Measurements				Crown (m)				Tree Condition				Physiological	Structural	Life Expectancy	Value		Management	
	Common Name	Latin Name		Height (m)	Stems	Stem Diameter (mm)	Estimated	Crown height	N	E	S	W	Roots	Stem	Crown				Comments	Amenity		Category
T1	Cherry	<i>Prunus avium</i>	Semi-mature	6	1	490	No	3	5	4.5	4.5	2	No visual defects	Single stemmed. Slight lean. Old pruning wounds. Epicormic growths. Stubs. Bark damage	Old pruning wounds. Minor dieback. Minor deadwood	Slight lean north east. Has been pruned away from road on eastern side.	Fair	Fair	20 to 40 yrs	Low	C	Removal required to facilitate the development.
T2	Weeping Willow	<i>Salix babylonica</i>	Young	3	1	100	No	0	1	1	1	1	Limited access around base	Single stemmed. Vertical	Old pruning wounds. Minor dieback. Minor deadwood		Good	Good	>40 yrs	Low	C	Removal required to facilitate the development.
T3	Cherry	<i>Prunus avium</i>	Semi-mature	4	1	280	No	3	1	2	2	1	No visual defects	Single stemmed. Slight lean. Epicormic growths. Old pruning wounds. Stubs. Bark damage	Old pruning wounds. Minor dieback. Minor deadwood	Shifting stone sleepers at the base. Slight lean south west. Has been topped at 2m leaving wound with some decay.	Fair	Fair	20 to 40 yrs	Low	C	Removal required to facilitate the development.
T4	Cherry	<i>Prunus avium</i>	Semi-mature	4.5	1	340	No	3	2	3	1	2.5	No visual defects	Single stemmed. Slight lean. Old pruning wounds. Epicormic growths. Stubs. Bark damage. Mower damage. Minor cavities	Old pruning wounds. Minor dieback. Minor deadwood	Slight lean east. Several cavities and burrs on stem.	Fair	Good	20 to 40 yrs	Low	C	Removal required to facilitate the development.

Tree ID	Tree Species		Maturity	Measurements				Crown (m)				Tree Condition				Value		Management				
	Common Name	Latin Name		Height (m)	Stems	Stem Diameter (mm)	Estimated	Crown height	N	E	S	W	Roots	Stem	Crown	Comments	Physiological	Structural	Life Expectancy	Amenity	Category	Works
T5	Cherry	<i>Prunus avium</i>	Semi-mature	5	1	360	No	3	3	3	2	2	No visual defects	Single stemmed. Vertical. Epicormic growths. Old pruning wounds. Bark damage. Mower damage	Old pruning wounds. Minor dieback. Minor deadwood	Lots of epicormics growths out of old pruning wounds.	Fair	Fair	20 to 40 yrs	Low	C	Removal required to facilitate the development.
T6	Cherry	<i>Prunus avium</i>	Semi-mature	4.5	1	300	No	3	3.5	3	2.5	2.5	No visual defects	Single stemmed. Slight lean. Old pruning wounds. Stubs. Epicormic growths. Bark damage. Minor cavities	Old pruning wounds. Minor dieback. Minor deadwood	Slight lean north east. Burrs and cavities on the stem especially at the base.	Fair	Good	20 to 40 yrs	Low	C	Removal required to facilitate the development.
T7	Cherry	<i>Prunus avium</i>	Semi-mature	6	1	420	No	3.5	4	4.5	4.5	1.5	Exposed roots	Single stemmed. Vertical. Epicormic growths. Old pruning wounds. Stubs. Minor cavities	Old pruning wounds. Minor dieback. Minor deadwood	Exposed root to the north with some mower damage. Large area of exposed heartwood with localised decay and hollowing to the north eastern aspect of the stem.	Fair	Fair	10 to 20 yrs	Low	C	Removal required to facilitate the development.
T8	Cherry	<i>Prunus avium</i>	Semi-mature	4	1	250	No	3	3	4	3	1	Exposed roots	Single stemmed. Vertical. Epicormic growths. Old pruning wounds. Stubs. Minor cavities	Old pruning wounds. Minor dieback. Minor deadwood	Exposed root to south west with some mower damage. Some burrs on stem and epicormics growths.	Fair	Fair	20 to 40 yrs	Low	C	Removal required to facilitate the development.

Tree ID	Tree Species		Maturity	Measurements				Crown (m)				Tree Condition				Value		Management				
	Common Name	Latin Name		Height (m)	Stems	Stem Diameter (mm)	Estimated	Crown height	N	E	S	W	Roots	Stem	Crown	Comments	Physiological	Structural	Life Expectancy	Amenity	Category	Works
G9	Beech	<i>Fagus sylvatica</i>	Semi-mature	2	10+	70 avg.	Yes	0	See plan.				Beech hedgerow group likely planted. Has been previously maintained through topping and pruning but has recently become unmanaged and overgrown. Provides some screening for adjacent properties.				Fair	Good	>40 yrs	Low	C	No works required to facilitate the development.
T10	Beech	<i>Fagus sylvatica</i>	Early-mature	14	1	400	Yes	1	5	3.5	5.5	3	Limited access around base	Single stemmed. Vertical. Epicormic growths. Old pruning wounds. Stubs	Old pruning wounds. Minor dieback. Minor deadwood		Good	Good	>40 yrs	Moderate	B	No works required to facilitate the development.
T11	Cherry	<i>Prunus avium</i>	Semi-mature	4	1	350	Yes	3	2	3	3	2	Limited access around base	Single stemmed. Vertical. Epicormic growths. Old pruning wounds. Stubs. Minor cavities	Old pruning wounds. Minor dieback. Minor deadwood		Fair	Good	20 to 40 yrs	Low	C	No works required to facilitate the development.
T12	Cherry	<i>Prunus avium</i>	Semi-mature	3.5	1	260	No	2	1.5	3	3	1	Limited access around base	Single stemmed. Vertical. Epicormic growths. Old pruning wounds. Stubs. Bark damage. Minor cavities	Old pruning wounds. Minor dieback. Minor deadwood	Ivy beginning to establish on stem	Fair	Good	>40 yrs	Low	C	No works required to facilitate the development.
T13	Beech	<i>Fagus sylvatica</i>	Semi-mature	15	1	350	Yes	3	3	4	3.5	4	Limited access around base	Single stemmed. Vertical. Epicormic growths. Stubs. Old pruning wounds	Old pruning wounds. Minor dieback. Minor deadwood		Good	Good	>40 yrs	Moderate	C	No works required to facilitate the development.

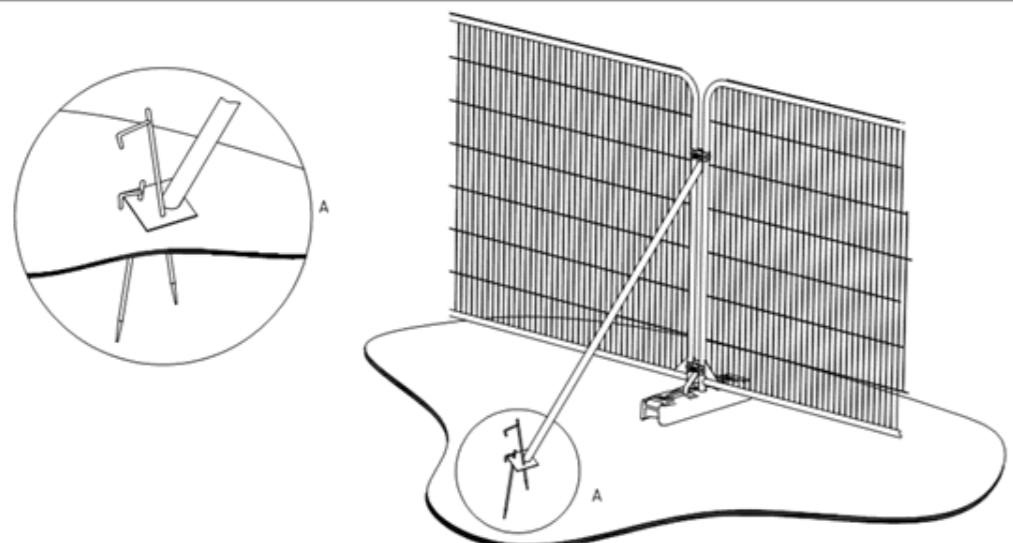
Tree ID	Tree Species		Maturity	Measurements				Crown (m)				Tree Condition				Physiological	Structural	Life Expectancy	Value		Management	
	Common Name	Latin Name		Height (m)	Stems	Stem Diameter (mm)	Estimated	Crown height	N	E	S	W	Roots	Stem	Crown				Comments	Amenity		Category
T14	Beech	<i>Fagus sylvatica</i>	Semi-mature	15	1	350	Yes	3	3	3.5	3	1	Limited access around base	Single stemmed. Vertical. Epicormic growths. Old pruning wounds. Stubs. Ivy covered	Old pruning wounds. Minor dieback. Minor deadwood	Ivy covered stem and crown preventing detailed inspection	Good	Good	>40 yrs	Moderate	C	No works required to facilitate the development.
T15	Cherry	<i>Prunus avium</i>	Semi-mature	4	1	260	No	2	1	2	3	0.5	Exposed roots	Single stemmed. Slight lean. Epicormic growths. Stubs. Old pruning wounds	Old pruning wounds. Moderate dieback. Minor deadwood	Slight lean north east. Exposed root at base with some mower damage.	Good	Good	20 to 40 yrs	Low	C	No works required to facilitate the development.
T16	Beech	<i>Fagus sylvatica</i>	Semi-mature	15	1	400	Yes	3	5	4	4	2	Limited access around base	Single stemmed. Slight lean. Epicormic growths. Old pruning wounds. Stubs	Old pruning wounds. Minor dieback. Minor deadwood	Ivy beginning to become established on stem. Slight lean north east towards houses.	Good	Fair	>40 yrs	Moderate	C	No works required to facilitate the development.
T17	Cherry	<i>Prunus avium</i>	Semi-mature	5	1	350	Yes	2	2	4.5	6	3.5	Limited access around base	Single stemmed. Vertical. Epicormic growths. Old pruning wounds. Stubs. Ivy covered. Minor cavities	Old pruning wounds. Minor dieback. Minor deadwood	Heavily ivy covered stem and crown preventing detailed inspection.	Good	Good	20 to 40 yrs	Low	C	No works required to facilitate the development.
T18	Beech	<i>Fagus sylvatica</i>	Semi-mature	15	1	400	Yes	4	3	3	5	4	Limited access around base	Single stemmed. Vertical. Epicormic growths. Old pruning wounds. Stubs	Old pruning wounds. Minor dieback. Minor deadwood	Ivy beginning to become established on stem and lots of epicormics growths at base.	Good	Good	>40 yrs	Moderate	B	No works required to facilitate the development.

Tree ID	Tree Species		Maturity	Measurements				Crown (m)				Tree Condition				Physiological	Structural	Life Expectancy	Value		Management	
	Common Name	Latin Name		Height (m)	Stems	Stem Diameter (mm)	Estimated	Crown height	N	E	S	W	Roots	Stem	Crown				Comments	Amenity		Category
T19	Ash	<i>Fraxinus excelsior</i>	Semi-mature	16	8	150 avg.	Yes	3	4	5	7	5	Limited access around base	Multiple stemmed at base. Vertical. Old pruning wounds. Epicormic growths. Stubs	Old pruning wounds. Minor dieback. Minor deadwood	Doesn't appear to have signs of Ash Dieback yet. Telephone wires running through the eastern crown.	Fair	Fair	20 to 40 yrs	Moderate	C	Pruning works required to facilitate the development - reduce from south by 2 - 3 m to facilitate the development.
T20	Cherry	<i>Prunus avium</i>	Semi-mature	5	1	150	Yes	2	3	3	1	1	Limited access around base	Single stemmed. Vertical. Epicormic growths. Old pruning wounds. Stubs	Old pruning wounds. Minor dieback. Minor deadwood		Fair	Good	20 to 40 yrs	Low	C	No works required to facilitate the development.
G21	Ash and Elder	<i>Fraxinus sp., Sambucus sp.</i>	Semi-mature	5	10+	100 avg.	Yes	1	See plan.				Mixed species likely self-set group of Ash and Elder. Appears unmanaged and overgrown. Self set on top of embankment beside public footpath. Low value and limited long term prospects.				Fair	Fair	10 to 20 yrs	Low	C	Removal required to facilitate the development.
T22	Cherry	<i>Prunus avium</i>	Semi-mature	5	2	100, 150	Yes	3	1	1	1	1	Limited access around base	Twin stemmed at base. Vertical. Epicormic growths. Old pruning wounds. Stubs	Old pruning wounds. Minor dieback. Minor deadwood		Fair	Fair	10 to 20 yrs	Low	C	No works required to facilitate the development.
G23	Cherry	<i>Prunus avium</i>	Semi-mature	4	10+	100 avg.	Yes	3	See plan.				Stems are well up the bank near the top footpath, but the crown is overhanging the footpath around the building with the crowns almost in contact with the existing building. Moderate dieback in the crown. Limited long term prospects and low value.				Fair	Fair	10 to 20 yrs	Low	C	No works required to facilitate the development.

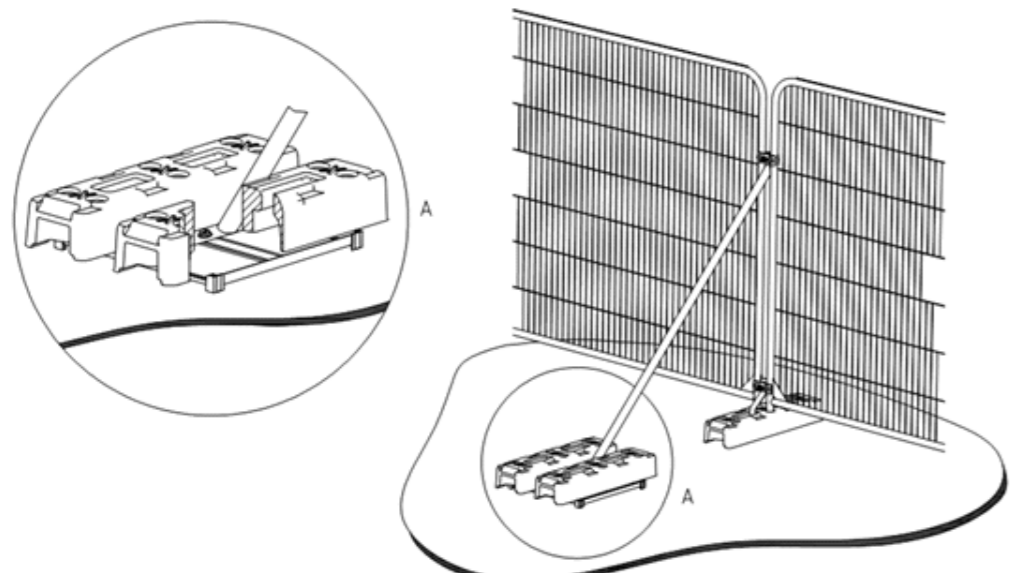
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	Common Name	Latin Name		Height (m)	Stems	Stem Diameter (mm)	Estimated	Crown height	N	E	S	W	Roots	Stem	Crown	Comments	Physiological	Structural	Life Expectancy	Amenity	Category	Works
T24	Cherry	<i>Prunus avium</i>	Semi-mature	4	1	300	Yes	2	3	2	5	3	Limited access around base	Single stemmed. Vertical. Epicormic growths. Old pruning wounds. Stubs. Ivy covered. Minor cavities	Old pruning wounds. Minor dieback. Minor deadwood	Ivy covered stem and crown prevented detailed inspection.	Fair	Fair	10 to 20 yrs	Low	C	No works required to facilitate the development.
T25	Beech	<i>Fagus sylvatica</i>	Semi-mature	13	6+	100 avg.	Yes	2	5	2	2	5	Limited access around base	Single stemmed. Vertical. Epicormic growths. Old pruning wounds. Stubs. Ivy covered	Old pruning wounds. Minor dieback. Minor deadwood		Fair	Fair	20 to 40 yrs	Low	C	No works required to facilitate the development.
T26	Cherry	<i>Prunus avium</i>	Early-mature	7	1	400	Yes	3	5	8	5	4	Limited access around base	Single stemmed. Slight lean. Epicormic growths. Old pruning wounds. Stubs. Minor cavities	Old pruning wounds. Minor dieback. Minor deadwood	Slight lean east. Has been pruned back previously.	Fair	Fair	20 to 40 yrs	Low	C	Removal required to facilitate the development.
T27	Beech	<i>Fagus sylvatica</i>	Semi-mature	15	1	300	Yes	3	2	3	5	2	Limited access around base	Single stemmed. Vertical. Epicormic growths. Old pruning wounds. Ivy covered	Old pruning wounds. Minor deadwood. Minor dieback		Fair	Good	>40 yrs	Moderate	C	No works required to facilitate the development.

Tree ID	Tree Species		Maturity	Measurements				Crown (m)				Tree Condition				Value		Management				
	Common Name	Latin Name		Height (m)	Stems	Stem Diameter (mm)	Estimated	Crown height	N	E	S	W	Roots	Stem	Crown	Comments	Physiological	Structural	Life Expectancy	Amenity	Category	Works
T28	Beech	<i>Fagus sylvatica</i>	Semi-mature	15	1	400	Yes	2	4	3	5	3	Limited access around base	Single stemmed. Vertical. Epicormic growths. Old pruning wounds	Old pruning wounds. Minor deadwood	Some epicormic growths at base.	Good	Good	>40 yrs	Moderate	B	No works required to facilitate the development.
T29	Cherry	<i>Prunus avium</i>	Semi-mature	6	1	270	No	3	7	3	0.5	3	Limited access around base	Single stemmed. Vertical. Epicormic growths. Old pruning wounds. Stubs	Old pruning wounds. Minor dieback. Minor deadwood		Fair	Good	>40 yrs	Low	C	Removal required to facilitate the development.
T30	Beech	<i>Fagus sylvatica</i>	Early-mature	16	1	600	Yes	3	7.5	5	5	4	Limited access around base	Single stemmed. Vertical. Epicormic growths. Old pruning wounds. Stubs. Tight union. Partially included bark	Old pruning wounds. Minor dieback. Minor deadwood	Several epicormics growths at the base.	Good	Good	>40 yrs	Moderate	B	No works required to facilitate the development.
G31	Beech	<i>Fagus sylvatica</i>	Semi-mature	2	10+	70 avg.	Yes	0	See plan.				Beech hedgerow group likely planted. Has been previously maintained through topping and pruning but has recently become unmanaged and overgrown. Provides some screening for adjacent properties.				Fair	Good	>40 yrs	Low	C	No works required to facilitate the development.
T32	Cherry	<i>Prunus avium</i>	Semi-mature	5	1	330	No	3	7	6	2	4	Limited access around base	Single stemmed. Epicormic growths. Old pruning wounds. Stubs. Slight lean	Old pruning wounds. Minor dieback. Minor deadwood	Slight lean east.	Fair	Good	20 to 40 yrs	Low	C	Removal required to facilitate the development.

Tree ID	Tree Species		Maturity	Measurements				Crown (m)				Tree Condition				Value		Management				
	Common Name	Latin Name		Height (m)	Stems	Stem Diameter (mm)	Estimated	Crown height	N	E	S	W	Roots	Stem	Crown	Comments	Physiological	Structural	Life Expectancy	Amenity	Category	Works
T33	Beech	<i>Fagus sylvatica</i>	Early-mature	15	1	540	No	4	4	4	4	2	Limited access around base	Single stemmed. Old pruning wounds. Epicormic growths. Slight lean	Old pruning wounds. Minor dieback. Minor deadwood	Slight lean east.	Good	Good	>40 yrs	Moderate	B	No works required to facilitate the development.
T34	Beech	<i>Fagus sylvatica</i>	Semi-mature	14	1	570	Yes	3	7	6	5	4	Limited access around base	Single stemmed. Slight lean. Old pruning wounds. Epicormic growths. Stubs	Old pruning wounds. Minor dieback. Minor deadwood	Slight lean east.	Good	Good	>40 yrs	Moderate	B	Pruning works required to facilitate the development - reduce from north by 2 - 3 m to facilitate the development.
G35	Beech	<i>Fagus sylvatica</i>	Semi-mature	13	7+	200 avg.	Yes	3	See plan.				Likely once part of the Beech hedgerow group, and likely planted. Has been previously maintained through topping and pruning but has recently become unmanaged and overgrown. Provides some screening for adjacent properties. Starting to develop into individual Beech trees.				Good	Good	>40 yrs	Low	C	Pruning works required to facilitate the development - prune back to the boundary as required. Do not prune beyond the boundary.
T36	Cherry	<i>Prunus avium</i>	Semi-mature	7	1	200	Yes	3	2	2	2	1	Limited access around base	Single stemmed. Vertical. Epicormic growths. Old pruning wounds. Stubs	Old pruning wounds. Minor dieback. Minor deadwood		Good	Good	>40 yrs	Low	C	Removal required to facilitate the development.



a) Stabilizer strut with base plate secured with ground pins

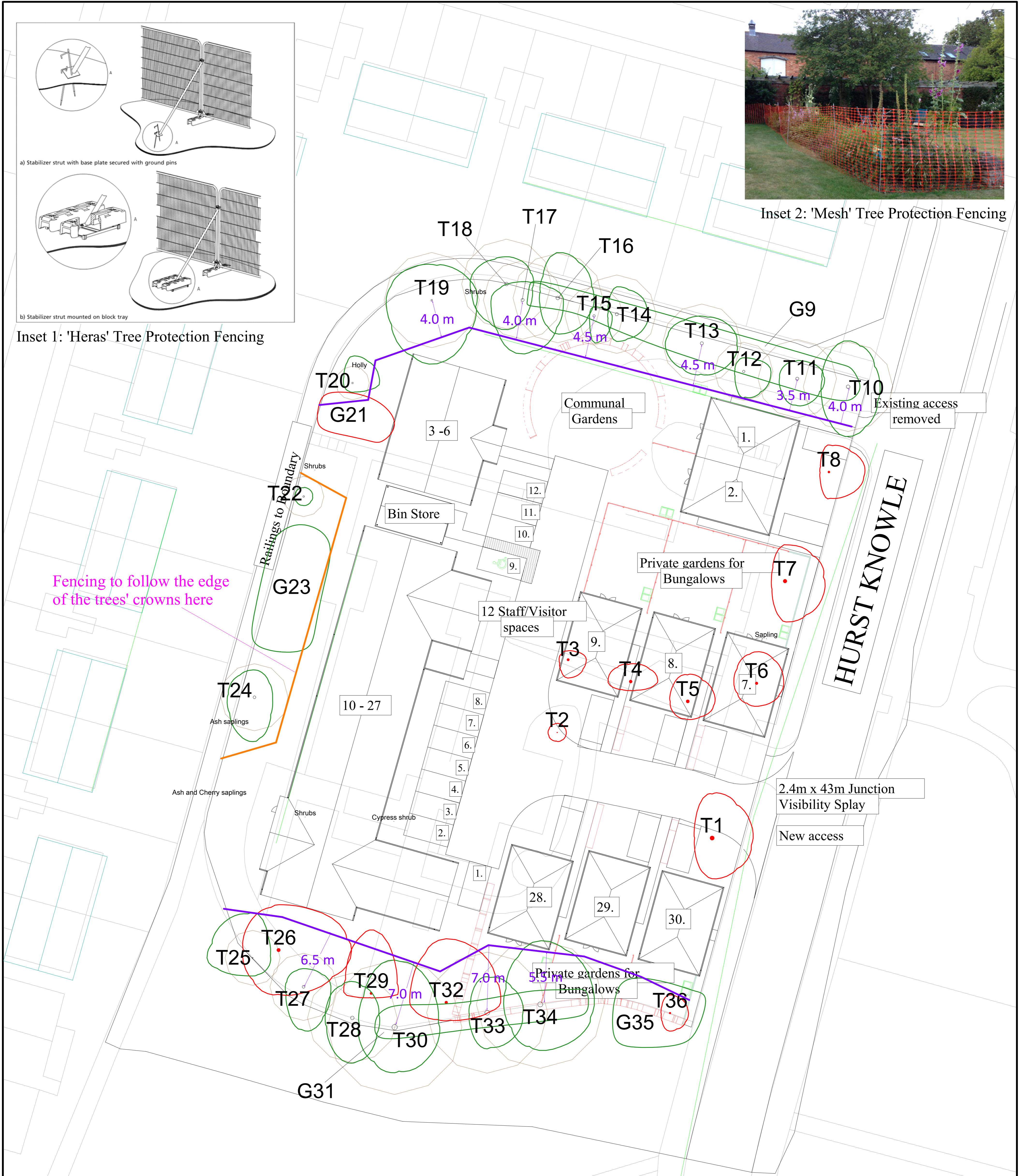


b) Stabilizer strut mounted on block tray



Inset 2: 'Mesh' Tree Protection Fencing

Inset 1: 'Heras' Tree Protection Fencing



Fencing to follow the edge of the trees' crowns here

2.4m x 43m Junction Visibility Splay

New access



Inset 3: Warning Signs for Fencing

NORTH

AWA
TREE CONSULTANTS

Appendix 4:
Tree Protection Plan
The Homestead, Hurst Knowle, Almondbury
Ref: AWA6641AMS
BRITISH STANDARD 5837:2012
SCALE: 1:500 PAPER: A2

	TREES TO BE RETAINED
	TREES TO BE REMOVED
	TREE STEM
	TREE STEM TO BE REMOVED
	'HERAS' PROTECTION FENCING
	'MESH' PROTECTION FENCING
	RPA: ROOT PROTECTION AREA