TREE CONSULTANTS

ARBORICULTURAL METHOD STATEMENT

to BS 5837:2012 at:

Land at
19 Hill Street,
Elsecar,
Barnsley,
S74 8EL

This document describes how the trees will be protected and managed during the development of this site. It explains how and when the protection measures must be installed and maintained throughout the development.

A copy of this document report must be permanently available on site for the duration of all development activity and should be referenced for practical guidance on how to protect the retained trees at this site.

Prepared for:
White Agus Partnership

Date: *February 2025*

Reference: *AWA6498*

TMP006 – D
Template Revision 01
Auth By: APW
Date: 09/09/2024

Institute of Chartered Foresters
Registered Consultant

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1. Introduction

1.1 Instruction

1.1.1 We were instructed by White Agus Partnership 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 February 2021, detailed within Appendix 4 of this report.

1.3 Description of Development

1.3.1 It is proposed to build two new residential properties, one with an attached garage, and associated access and landscaping. The proposed development layout has been provided by my client and is the basis for the Tree Protection Plan at Appendix 5.

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.

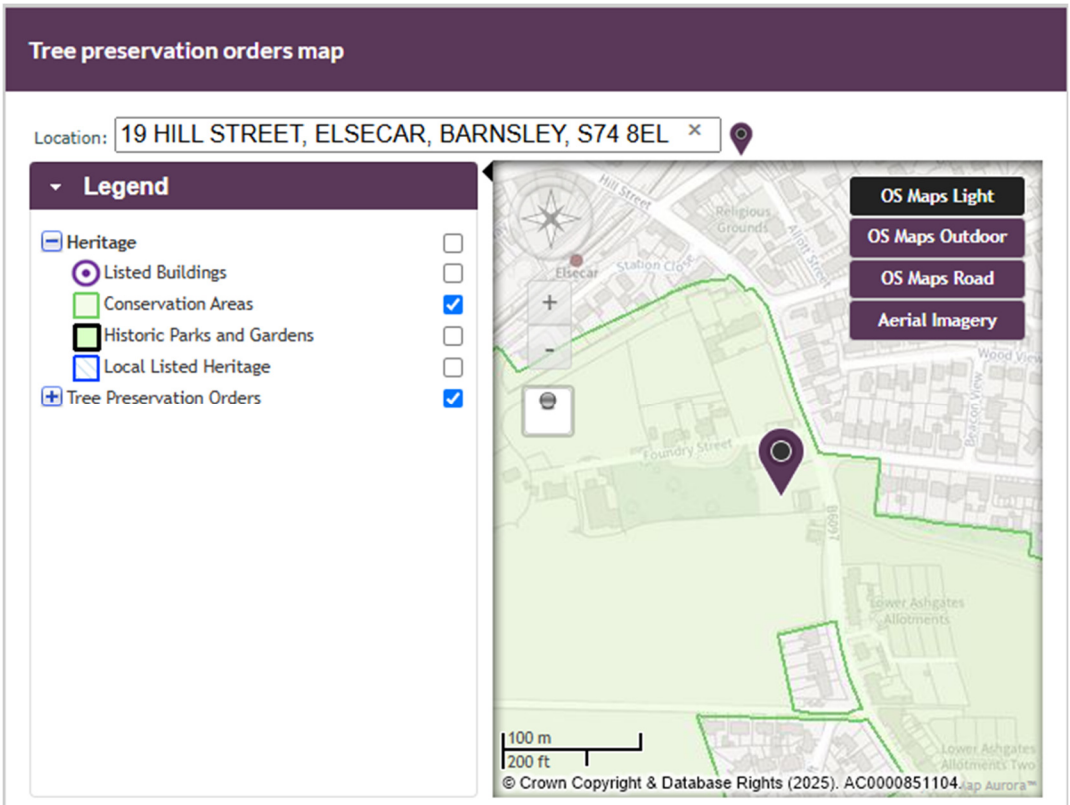
1.5 Legal

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 Barnsley Metropolitan Borough Council on 26/02/25 to check whether any trees at the site are protected by a Tree Preservation Order or are located within a Conservation Area. The site is situated within a Conservation Area, and as such all trees within the site are legally protected.

1.5.4 The accessed map image from Barnsley Metropolitan Borough Council website is detailed below:



1.5.5 Before carrying out any works to protected trees the permission of the local planning authority is required. There are large potential penalties for illegally carrying out work to protected trees. Statutory permission is not required for the removal of deadwood.

1.5.6 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).

1.5.7 It was confirmed that there are no designated ancient woodlands or veteran or ancient trees within the survey area.

1.5.8 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.

1.5.9 When appointing a tree surgeon, only properly qualified and experienced companies should be used, who have adequate Public Liability and Employer's Liability Insurance.

1.5.10 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 4 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 5, 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 The trees that require removal to facilitate development are T1, T2, T3, T4, T5 and T6.

3.1.2 The trees that require pruning works to facilitate development are T10, T11, T12, T13 and T15.

3.1.3 Sycamore T10: Crown lift to 4m and reduce crown by 1m, at the southern aspect, to facilitate 1m clearance from proposed dwelling

3.1.4 Cherry T11: Crown lift to 4m and reduce crown by 2.5m, at the southern aspect, to facilitate 1m clearance from proposed dwelling.

3.1.5 Sycamore T12: Prune back to boundary to facilitate development. Do not prune beyond boundary.

3.1.6 Sycamore T13: Prune back to boundary to facilitate development. Do not prune beyond boundary.

3.1.7 Ash T15: Remove overhanging, leaning eastern stem, and prune remaining crown to facilitate 1m clearance from proposed dwelling.

3.1.8 All tree work must be carried out according to British Standard 3998:2010 Tree Work - Recommendations. 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 5 (as illustrated with a thick purple 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 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 Construction of New Structures

5.1.1 The new dwelling is situated within the RPA of retained trees T11, T12, T13 and T15.

5.1.2 The encroachment into the trees' RPA should not significantly adversely impact on the health or future condition of the trees, provided care is taken during the construction to avoid root damage. The existing boundary wall in place to the east of the trees will have likely reduced rooting activity in the area.

5.1.3 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.

5.2 New Hard Surfaces

5.2.1 A new hard surface in the form of a driveway is proposed within the RPA of the retained trees T7, T8, T9 and T10. However, these trees are situated at the top of a retaining wall, at a raised elevation, and are not likely to have any roots extending into the section of the RPA affected by construction.

5.2.2 The finished surface must be porous in order to allow air and water to reach the tree roots that may be in the area, whilst at the same time being able to withstand the load applied. Toxic substances which could leach into the ground must be avoided. Severance of roots and soil compaction should be avoided.

5.3 Excavations with RPAs

5.3.1 The new development requires excavations within the RPA of retained trees T7, T8, T9, T10, T11, T12, T13 and T15.

5.3.2 Any exposed roots greater than 25mm diameter should be retained and worked around. Where possible clumps of smaller roots should also be retained. If unavoidable, roots with a diameter less than 25mm can be severed, cutting back using an appropriate sharp tool (secateurs or handsaw).

5.3.3 Severance of roots with a diameter of greater than 50mm must be avoided. If roots of over 50mm diameter are encountered when excavations are being carried out, on-site adjustments should be made to avoid the larger diameter roots.

5.3.4 Any exposed roots should be wrapped with hessian sacking and kept damp to avoid drying out during the works until the excavation is back-filled. It is advised to include the placement of an inert granular material mixed with topsoil or sharp sand (not builders' sand) around the retained root prior to back-filling for the final level.

5.4 Drainage and Utilities

5.4.1 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.

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

5.5 Additional Precautions

5.5.1 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.

5.5.2 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.

5.5.3 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.

5.6 Post Construction Landscaping

5.6.1 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 properties may be occupied.

5.6.2 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.

5.6.3 No heavy machinery should be brought into the vicinity of retained trees.

5.6.4 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

.....

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

26th February 2025

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Appendix 1: Images and Figures

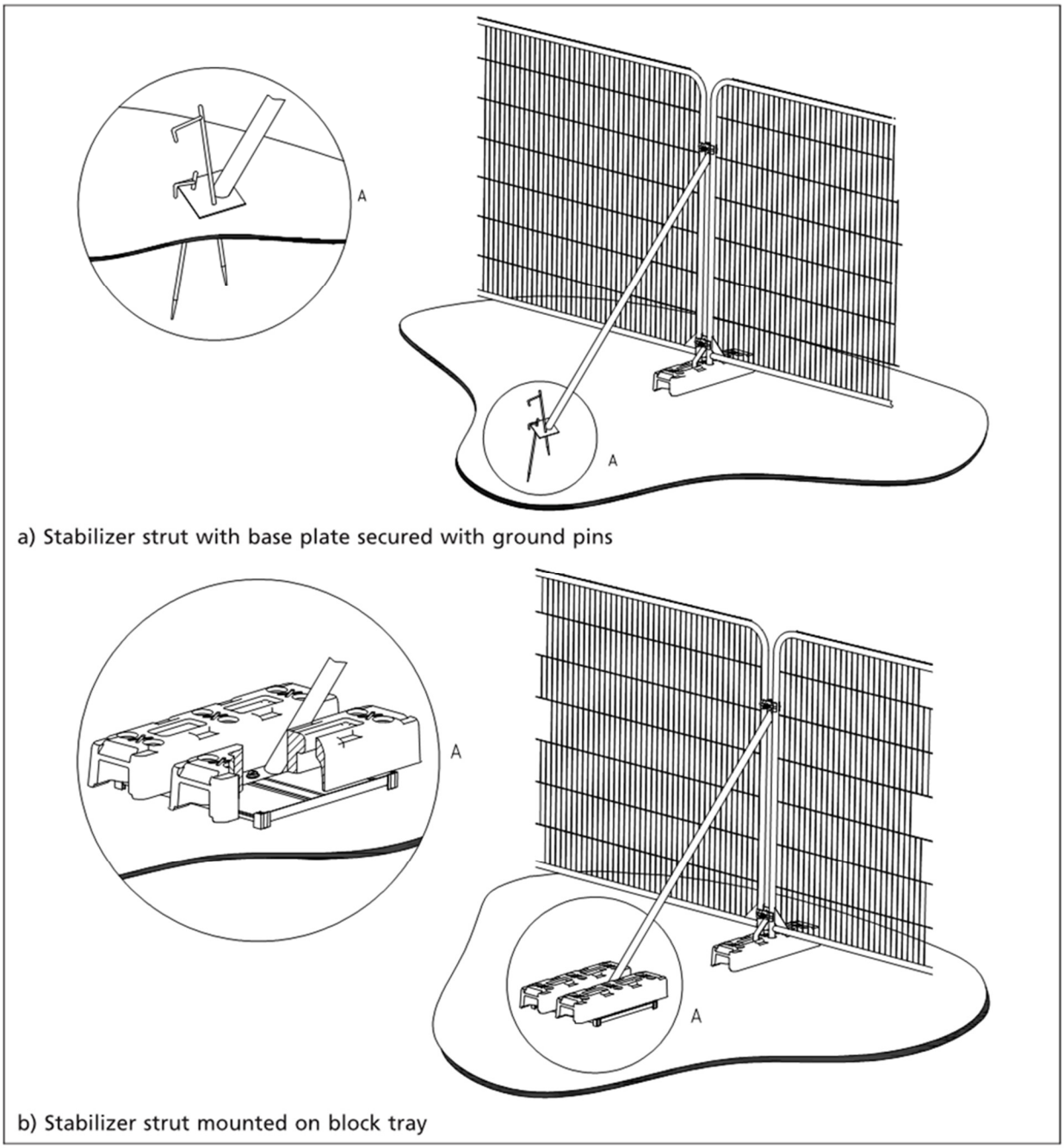

Figure 1: Secured 'Heras' type fencing with stabilizing system and fixed central pins (©BSI)

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: Warning sign for fencing

Figure 5: 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
Tom Agus	White Agus Patrnership	01226 208482	tom@whiteagus.co.uk
Adam Winson	AWA Tree Consultants Ltd	0114 272 1124	adam@awatrees.com
Planning Team	Barnsley Metropolitan Borough Council	01226 772595	developmentmanagement@barnsley.gov.uk

Appendix 3: Record of Arboricultural Supervision

Required Site Visits	
Name of Site Inspector/ Arboricultural Consultant	
Supervision Stages	**Comments/ Required Actions**
Site visit 1: Inspect the tree protective fencing and ground protection boards prior to any development works. Confirm tree protection completed to the standard specified in this method statement.	***Signed and Dated***
Site visit 2: Supervision of contractors during construction hard-surfaces within RPA of retained trees.	***Signed and Dated***
Site visits - Monthly: Supervise any other sensitive operations, if required, as they arise in relation to trees.	***Signed and Dated***
Additional Comments/ Required Actions: *Signed and Dated*	

	Tree Species			Measurements				Crown (m)					Tree Condition						Value		Management
Tree ID	*Common Name*	*Latin Name*	*Maturity*	*Height (m)*	*Stems*	*Stem Diameter (mm)*	*Estimated*	*Crown height*	*N*	*E*	*S*	*W*	*Roots*	*Stem*	*Crown*	*Comments*	*Physiological*	*Structural*	*Life Expectancy*	*Amenity*	*Category*	*Works*
T1	Cherry	*Prunus avium*	Mature	13	1	580	No	4	5	5	5.5	5	Soil erosion, Exposed roots	Single stemmed, Vertical, Stubs, Old pruning wounds, Epicormic growths, Minor decay, Tight union with partially included bark	Overhanging adjacent land, Stubs, Minor deadwood	Large stubs at 2m, beginning to decay. Situated on slight banking	Fair	Fair	20 to 40 yrs	Moderate	C	Removal required to facilitate development
T2	Cherry	*Prunus avium*	Early-mature	13	1	390	No	4	5	1.5	4.5	4.5	Suckering growth	Single stemmed, Vertical, Stubs, Old pruning wounds, Minor decay	Overhanging into the site, Stubs, Minor deadwood	Large stubs at 1.5m, beginning to decay	Fair	Fair	20 to 40 yrs	Low	C	Removal required to facilitate development
T3	Cherry	*Prunus avium*	Young	3.5	3	80, 60, 60	No	0.5	0.5	1	1	1.5	No visual defects	Multiple stemmed at base, Vertical, Tight union with partially included bark	Crossing branches		Good	Fair	20 to 40 yrs	Low	C	Removal required to facilitate development
T4	Sycamore	*Acer psuedoplatanus*	Young	7	2	120, 90	No	1	1	1	1	2	No visual defects	Twin stemmed at base, Vertical, Stubs, Tight union	Stubs	Very close to wall, not suitable for long-term retention	Good	Good	>40 yrs	Low	C	Removal required to facilitate development
T5	Sycamore	*Acer psuedoplatanus*	Young	7	1	110	No	0.5	1.5	0.5	1	2	No visual defects	Single stemmed, Slight lean, Vertical, Stubs, Epicormic growths, Old pruning wounds	Normal	Previously twin-stemmed, but second stem removed leaving a large stub. Not suitable for long-term retention	Good	Good	>40 yrs	Low	C	Removal required to facilitate development

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	Tree Species			Measurements				Crown (m)					Tree Condition						Value		Management
Tree ID	*Common Name*	*Latin Name*	*Maturity*	*Height (m)*	*Stems*	*Stem Diameter (mm)*	*Estimated*	*Crown height*	*N*	*E*	*S*	*W*	*Roots*	*Stem*	*Crown*	*Comments*	*Physiological*	*Structural*	*Life Expectancy*	*Amenity*	*Category*	*Works*
T6	Sycamore	*Acer psuedoplatanus*	Young	4	1	90	No	1	0.5	0.5	0.5	0.5	Limited access around base	Significant lean, becoming vertical at .5m, Single stemmed, Stubs	Normal	Very close to wall, not suitable for long-term retention	Good	Fair	>40 yrs	Low	C	Removal required to facilitate development
T7	Cherry	*Prunus avium*	Semi-mature	8	3	200, 100, 100	Yes	1	3.5	3.5	3.5	1	Limited access around base	Multiple stemmed at base, Vertical, Tight union	Normal	Access prevented detailed inspeciton. Situated in retaining wall, with cracks and bulges below. Not suitable for long-term retention	Good	Fair	10 to 20 yrs	Low	C	No works required
T8	Sycamore	*Acer psuedoplatanus*	Semi-mature	8	4	150, 100, 100, 100, 100	Yes	1	2.5	1	2.5	3	Limited access around base	Multiple stemmed at base, Vertical, Stubs, Tight union with partially included bark	Normal	Access prevented detailed inspeciton. Situated in retaining wall, with cracks and bulges below. Not suitable for long-term retention	Good	Fair	10 to 20 yrs	Low	C	No works required
T9	Spruce	*Picea abies*	Semi-mature	9	1	250	Yes	0.5	2.5	2.5	2.5	2.5	Limited access around base	Single stemmed, Vertical	Normal	Access prevented detailed inspeciton. Situated in retaining wall, with cracks and bulges below. Not suitable for long-term retention	Good	Good	10 to 20 yrs	Low	C	No works required
T10	Sycamore	*Acer psuedoplatanus*	Semi-mature	7.5	2	150, 150	Yes	1	2.5	2.5	2.5	2.5	Limited access around base	Twin stemmed at base, Vertical, Stubs	Normal	Access prevented detailed inspeciton. Situated in retaining wall, with cracks and bulges below. Not suitable for long-term retention	Good	Fair	10 to 20 yrs	Low	C	Crown lift to 4m and reduction by 1m, at the southern aspect, to facilitate development

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	Tree Species			Measurements				Crown (m)					Tree Condition						Value		Management
Tree ID	*Common Name*	*Latin Name*	*Maturity*	*Height (m)*	*Stems*	*Stem Diameter (mm)*	*Estimated*	*Crown height*	*N*	*E*	*S*	*W*	*Roots*	*Stem*	*Crown*	*Comments*	*Physiological*	*Structural*	*Life Expectancy*	*Amenity*	*Category*	*Works*
T11	Cherry	*Prunus avium*	Semi-mature	8	5	200, 200, 200 ,150	Yes	0.5	4	4	4	4	Limited access around base	Multiple stemmed at base, Vertical, Slight lean, Tight union	Overhanging into the site	Access prevented detailed inspeciton. Situated in retaining wall, with cracks and bulges below. Not suitable for long-term retention	Good	Fair	10 to 20 yrs	Low	C	Crown lift to 4m and reduction by 2.5m, at the southern aspect, to facilitate development
T12	Sycamore	*Acer psuedoplatanus*	Early-mature	12	4	220, 200, 200, 200	No	1	4.5	4.5	3.5	3	No visual defects	Multiple stemmed at base, Vertical, Tight union with partially included bark	Normal	Beyond boundary wall. Hawthorn understory	Good	Fair	20 to 40 yrs	Moderate	C	Prune to boundary to facilitate development
T13	Sycamore	*Acer psuedoplatanus*	Early-mature	12	2	350, 310	No	1	6	6	5	5	Soil erosion, Exposed roots, Suckering growth	Single stemmed, Twin stemmed at 0.5m, Vertical, Stubs, Pruning wounds - healing poorly with some decay, Minor cavity, Minor decay, Tight union with partially included bark, Epicormic growths	Minor deadwood, Overhanging into the site	Beyond boundary wall. Cavity with decay and large epicormic at north aspect, cavity with decay north aspect	Good	Fair	20 to 40 yrs	Moderate	C	Prune to boundary to facilitate development
T14	Cherry	*Prunus avium*	Semi-mature	8	1	150	Yes	1.5	1	1	1	1	No visual defects	Single stemmed, Vertical	Normal	Beyond boundary wall. Dense understory prevented detailed inspection.	Good	Good	20 to 40 yrs	Low	C	No works required

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	Tree Species			Measurements				Crown (m)					Tree Condition						Value		Management
Tree ID	*Common Name*	*Latin Name*	*Maturity*	*Height (m)*	*Stems*	*Stem Diameter (mm)*	*Estimated*	*Crown height*	*N*	*E*	*S*	*W*	*Roots*	*Stem*	*Crown*	*Comments*	*Physiological*	*Structural*	*Life Expectancy*	*Amenity*	*Category*	*Works*
T15	Ash	*Fraxinus excelsior*	Early-mature	12	3	320, 300, 260	No	0.5	4.5	7.5	6.5	7	No visual defects	Multiple stemmed at base, Vertical, Eastern stem has significant lean	Overhanging into the site, Minor deadwood, Snapped /hanging branches eastern aspect	Deadwood in centre of crown	Good	Fair	20 to 40 yrs	Moderate	C	Remove overhanging, leaning eastern stem, and prune remaining crown to facilitate 1m clearance from proposed dwelling, to facilitate development
T16	Sycamore	*Acer psuedoplatanus*	Early-mature	11	2	300, 200	Yes	1.5	3.5	3.5	3.5	3.5	Limited access around base	Single stemmed, Twin stemmed at base, at 1m, Vertical, Ivy covered, Tight union with partially included bark	Crossing branches	High understory prevented detailed inspection	Fair	Fair	>40 yrs	Moderate	C	No works required
T17	Cypress	*Cupressus sp.*	Semi-mature	3	10	10	Yes	0.5	0.5	0.5	0.5	0.5	Limited access around base	Single stemmed at base, Multiple stemmed at 0.5m, Vertical, Tight union with partially included bark	Normal	Access prevented detailed inspection. Managed garden tree	Good	Good	>40 yrs	Low	C	No works required

	Tree Species			Measurements				Crown (m)					Tree Condition						Value		Management
Tree ID	*Common Name*	*Latin Name*	*Maturity*	*Height (m)*	*Stems*	*Stem Diameter (mm)*	*Estimated*	*Crown height*	*N*	*E*	*S*	*W*	*Roots*	*Stem*	*Crown*	*Comments*	*Physiological*	*Structural*	*Life Expectancy*	*Amenity*	*Category*	*Works*
T18	Laburnum	*Laburnum anagyroides*	Semi-mature	4	8	50	Yes	1	1	1	1	1	Limited access around base	Single stemmed at base, Twin stemmed at 0.5m, Multiple stemmed at 1m, Vertical, Stubs, Old pruning wounds, Tight union with partially included bark, Minor decay	Minor dieback, Minor deadwood, Overhanging into the site	Access prevented detailed inspection. Historically topped	Fair	Fair	10 to 20 yrs	Low	C	No works required
T19	Cypress	*Cupressus sp.*	Semi-mature	4	5	100, 100, 100, 100, 50	Yes	1	1.5	1.5	1.5	1.5	Limited access around base	Twin stemmed at base, Multiple stemmed at 0.5m, Vertical, Tight union with partially included bark	Crossing branches, Overhanging into the site	Access prevented detailed inspection. Managed garden tree	Good	Fair	20 to 40 yrs	Low	C	No works required
T20	Lawson's Cypress	*Chamaecyparis sp.*	Semi-mature	4	3	150, 100, 100	Yes	1	1	1	1	1	Limited access around base	Single stemmed at base, Multiple stemmed at 0.5m, Vertical, Tight union with partially included bark	Crossing branches	Access prevented detailed inspection. Managed garden tree	Good	Fair	20 to 40 yrs	Low	C	No works required
G21	Hawthorn	*Crataegus monogyna*	Semi-mature	3	10	50	Yes	0.5	See Plan				Managed boundary hedge				Good	Good	>40 yrs	Low	C	No works required

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Warning sign for fencing

T11 T10 T9 T8 T7 T6 T5 T4 T3 T2 T1

T12 4.1 m

T13 4.2 m

T14

2.3 m

T15

T16 6.6 m

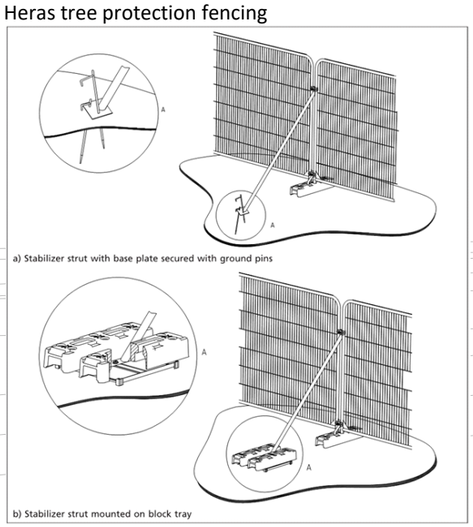
Trees are located on raised elevation which will limit rooting area to the south. Existing retaining wall in place provides sufficient protection to trees

Existing boundary wall provides protection to trees on adjacent land

T18 T19 T17 G21 T20

NORTH

Heras tree protection fencing



Heras tree protection fencing

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Appendix 5:
Tree Protection Plan

Land at Hill St, Elsecar, Barnsley
Ref: AWA6498

BRITISH STANDARD 5837:2012

SCALE: 1:200 PAPER: A3

	TREE/ TREE GROUP/ HEDGE TO BE RETAINED
	TREE/ TREE GROUP/ HEDGE TO BE REMOVED
	RPA: ROOT PROTECTION AREA
	TREE STEM
	TREE PROTECTION FENCING