



**advanced:**

**progressive** *adj.*  
forward-thinking  
forward-looking  
unconventional  
cutting edge  
innovative

5<sup>th</sup> December 2022

Monika Varcoe  
Grainge Architects  
The Boat Shed  
Michael Browning Way  
Exeter  
Devon EX2 8DD

**higher** *adj.*  
superior  
highly developed  
sophisticated  
complex

Our Ref: TH/B416/0822

Dear Monika,

**Re: Hayne Farm Shop, Gittisham – Effect of Proposed Retail Extension on Trees**

### **Introduction**

Further to receipt of the finalised proposals for the construction of a new farm shop on land adjacent to Combe Garden Centre in Gittisham, I have undertaken a full arboricultural appraisal of the site and considered the effect of the proposals based on the data collected, following the principles of British Standard 5837:2012 *Trees in relation to design, demolition and construction – Recommendations*. The purpose of this report is to provide a supporting statement for a planning application to East Devon District Council. This report has been undertaken in accordance with the instructions of the client and is intended for their sole and specific use.

This covering letter provides a full Arboricultural Impact Assessment in addition to a detailed Tree Protection Statement; the specific tree protection details are contained within the attached Tree Protection Plan, Arboricultural Method Statement and Arboricultural Guidance Sheets.

### Document Limitations

This document has been prepared based on information available to Advanced Arboriculture Ltd at the time of writing, however, further technical, topographical, arboricultural, architectural, ecological or engineering information may come to light after the relevant arboricultural conditions have been cleared. It is the responsibility of the project manager to draw any changes in the project scope to our attention at the earliest opportunity.

Trees are dynamic structures and advice should be taken on validity two years after the survey was undertaken. The report may not be considered valid after more than three years. The report has been prepared using all reasonable skill and care. Opinions are provided in good faith.

The scheduling and implementation of the tree protection measures detailed in the report also remains the responsibility of the project manager and/or site manager. Whilst the project team may appoint a suitably qualified third party arboricultural supervisor, Advanced Arboriculture Ltd are able to take on this role subject to the project manager's formal instruction.

Advanced Arboriculture Ltd shall not be held liable for any unauthorised deviation from the tree protection measures and scheduling detailed within this report.

## **Tree Stock Appraisal**

The proposed farm shop is to be located within an existing agricultural field located immediately to the west of the existing Combe Garden Centre. The access into the field is via an existing surfaced entrance off the public highway which also serves a staff car park to the west of the garden centre.

The proposed new construction covers the northern third of this field so only the trees within and adjacent to this section of the field have been surveyed. It is noted, however, that there are more trees towards the southern boundary of the field, including a number of Ash stems, some of which are displaying advanced symptoms of Ash Dieback Disease.

The lower, northern section of the field features sections of hedgerow along portions of its northern, eastern and western boundaries. All of these have been managed by flailing historically. Whilst technically, the majority of these hedgerows fall outside of the scope of British Standard 5837:2012 *Trees in relation to design, demolition and construction – Recommendations*, they have been included for completeness.

The highest quality sections of hedgerow comprise H1 and the western end of H4, noting that the eastern end of hedgerow H4 features a significantly lower vegetation density. Hedgerow H1 is becoming increasingly dense and some of the occasional young Oaks present are likely to be further dominated by the Goat Willow stock if not subject to a more robust management approach.

The western boundary hedgerow, H3, has been heavily flailed and kept at a contained size with no individual trees present.

The eastern boundary hedgerow, H2, does contain some trees, however, these are all Elms, the majority of which have already died due to Dutch Elm Disease infection. There are two young hedgerow Oaks present towards the northern end of hedgerow H2 and these form group G1; these two trees have excellent future potential and will continue to contribute to the visual amenity value of the local landscape.

The hedgerows are all considered to be British Standard 5837:2012 category B3 features while the Oaks which comprise group G1 fall within category A2.

A comprehensive commentary on each feature, including full spatial data, is provided within the attached Arboricultural Data Tables.

### A Note on Ash

We note the presence of a significant number of Ash trees adjacent to the site. Ash Dieback Disease (ADD) is now widespread throughout the south-west of England, though specific symptoms are not always obvious on more mature trees. The rate of decline of infected trees and the long-term prognosis for the health of Ash trees generally is currently uncertain. Some sources suggest that the UK may experience losses of up to 90% or more of its Ash trees in some areas. Woodland trees, in particular, appear to be particularly prone to decline. Once infected, trees can decline rapidly and quickly lose their structural integrity. On reaching less than 50% of their normal foliar density, they are likely to require removal where they pose a threat to persons or property. Such trees can become unpredictable and dangerous to fell, or to dismantle using normal rope access techniques, and may thus require removal using a Mobile Elevated Work Platform (MEWP) or other machinery. Hence, where trees are in an early stage of infection, are in locations that are inaccessible to machinery and would pose a risk to persons or property if they declined further, it may be appropriate to consider the pre-emptive removal of such trees while it is still possible to deal with them safely using conventional techniques.

Current recommendations, on those sites where Ash trees are present within falling distance of significant targets, are that trees be inspected regularly so as to account for the potentially rapid decline of currently healthy trees should ADD occur. Should any Ash trees on site show signs of rapid defoliation or dieback then further advice from an experienced arboriculturist should be sought. When considering the longer term management of Ash trees on a site, our advice is that, where such trees are within falling distance of significant targets or otherwise present a significant constraint to the site, then lesser quality trees are unlikely to be worthy of consideration for longer term retention. In these cases, removal of these lesser quality Ash trees and their replacement with suitable alternative species is highly likely to result in a net gain in amenity, landscape and biodiversity values for the site over the medium to long term.

### **Arboricultural Impact Assessment**

The proposals show the construction of a new farm shop along a similar build line as the existing garden centre unit. As with the garden centre, customer parking is to be provided to the front of the new farm shop, while the western aspect will provide an outdoor eating area and potential play space.

The building and its surrounding environs will not affect any trees, however, the provision of a robust access from the public highway will require the clearance of a section of hedgerows H1 and H4. The sections to be removed are of more limited quality than those sections to be retained, and I note on the proposed site layout that additional new hedgerow plantings are proposed to the north of the western end of the car park to maintain an effective screen which is in keeping with the character of the local landscape.

The proposals also remain some distance from hedgerow H2 and the Oaks of group G1. This will minimise any risk of harm or future pressure on these higher quality trees. The remainder of the trees surrounding the southern section of the field remain entirely unaffected by any proposals and hedgerow H3 is also outside of any potential construction areas.

I note that the proposals show the planting of a new belt of trees running along the entire southern boundary of the new farm shop site. Whilst I have not seen any details of the character or specification of this new tree belt, I would expect it to be of a high quality so as to remain in keeping with the remainder of the Combe Estate land. I consider it reasonable for landscaping details to be conditioned as part of any consent granted by East Devon District Council.

There is ample space to connect services either to the existing garden centre or the public highway without any need to remove any additional sections of hedgerows or trees.

Overall, the proposals allow for the retention of all actual trees with a negligible risk of any harm as a consequence of construction activities, and whilst some limited sections of hedgerows H1 and H4 are shown for removal, this is to be mitigated by the provision of extensive new plantings on both the northern and southern boundaries of the site. The site layout is therefore considered to be sustainable from an arboricultural point of view subject to the appropriate care being taken during construction, and robust protective fencing being installed and maintained for the duration of the project as detailed within the attached Tree Protection Statement.

### **Tree Protection Statement**

The tree protection measures required for the project are all provided within the attached Tree Protection Statement. The retention of a suitably qualified arboricultural supervisor is required in the event of any accidental damage to the trees.

This document must be reviewed by the project manager and/or site manager with the arboricultural supervisor prior to the commencement of any works to ensure that both the scheduling and

protection measures detailed within the Arboricultural Method Statement remain achievable and realistic. Once the Tree Protection Plan and Arboricultural Method Statement Plans have been reviewed and signed off by both the site manager and arboricultural supervisor, these drawings must be held on site for ongoing reference and to allow the local planning authority to check them at any reasonable time. Any variations to the Tree Protection Plan or Arboricultural Method Statement must be copied to the local planning authority; in the case of major variations to these documents, written approval may be required.

Adherence to the recommendations detailed within the Tree Protection Statement will almost certainly be made a condition of any planning consent granted by the local planning authority.

### Tree Works Schedule

The following tree works are required prior to the commencement of any development on site:

<b>Tree No</b>	<b>Species</b>	<b>Preliminary Management Recommendations</b>
H1	Goat Willow, Hawthorn, Oak	Remove western end of hedgerow to accommodate access, parking and replanting Continue to manage retained hedgerow by flailing
H2	Elm, Blackthorn, Hawthorn, Field Maple, Rose	Continue to manage by flailing
H3	Goat Willow, Elm, Oak, Ash, Blackthorn, Hawthorn, Field Maple	Continue to manage by flailing
H4	Hawthorn	Remove eastern end of hedgerow to accommodate access, parking and replanting Continue to manage retained hedgerow by flailing
G1	Oak	No works required at the present time

The appointed tree work contractor must ensure that all tree works comply with British Standard 3998:2010 (*Tree Works – Recommendations*) and it is strongly advised that the appointed tree contractor is Arboricultural Association Approved to ensure high standards and a consistency of work.

Under the Wildlife & Countryside Act 1981 & Countryside & Rights of Way Act 2000 it is an offence to recklessly damage or destroy the nest of a wild bird whilst in use or being built; planning consent does not provide a defence against prosecution under these Acts. Trees, shrubs and hedgerows on this site may contain nesting birds between 1st March and 31st August and it is advisable to undertake a survey of the site before commencing any vegetation removal between these dates, to ensure that no nesting birds are present. Advanced Arboriculture are able to undertake a survey to identify the presence of bats or nesting birds if required at the request of the client.

No tree works are required to enable the proposed demolition and construction.

### **Recommendations and Conclusions**

The proposals are considered to be sustainable from an arboricultural point of view subject to the provision of the tree protection measures detailed within the Tree Protection Statement.

A copy of this report, plus the attached drawings and Tree Protection Statement, must be submitted to the local planning authority as a supporting document to the planning application. If the council's officers have any queries, they are welcome to contact us directly.

If you have any further queries, please do not hesitate to contact me.

Yours sincerely,



Tom Hurley, BSc(For)Hons, M Arbor A  
Senior Consultant.

- Attachments:
- Arboricultural Data Tables
  - Tree Location Plan
  - Tree Constraints Plan
  - Tree Protection Statement which includes:
    - Tree Protection Plan
    - Arboricultural Method Statement Plan
    - Arboricultural Induction Sheet
    - Arboricultural Supervision Inspection Record
    - AGS101 Braced Heras Fencing
    - AGS801 Protective Fencing Poster
    - AGS802 Site Office Tree Poster

## Data Table Key

**Site Ref:** TH/B416/0822

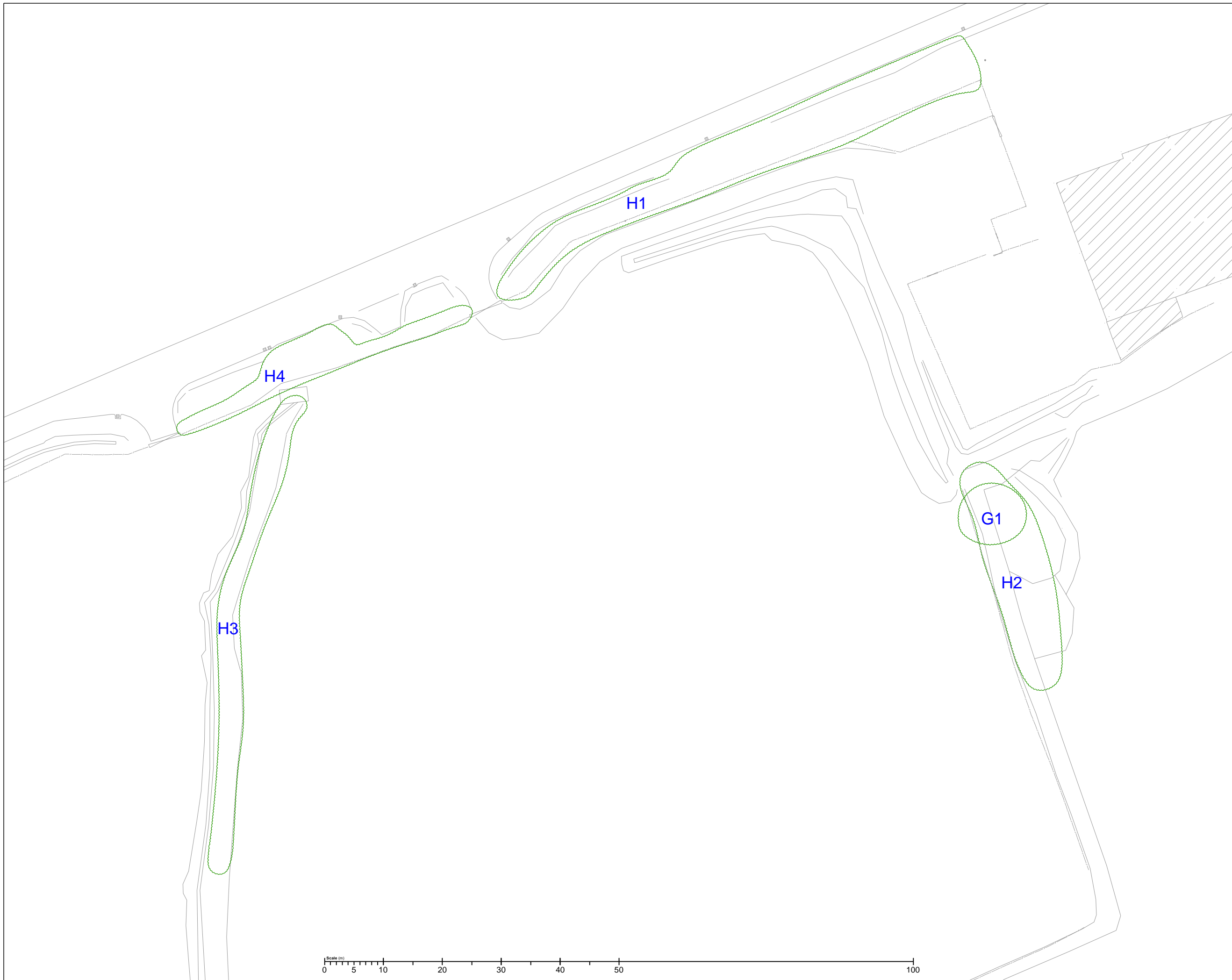
**Site Location:** Hayne Farm Shop, Gittisham

The following section shows the results of the tree inspection. Abbreviations used in the survey are as follows:

Tree No	Corresponding to plan
Species	Common name
Ht	Height in metres
Crown Spread	Crown spread in metres as measured at the four cardinal points of the compass
Stem Dia	Diameter at breast height in mm (1.5 metres above ground level), or measured in accordance with the prescribed British Standard protocol in the case of multi-stemmed specimens (see Annex C in British Standard 5837:2012 for full details)
RPA	Root Protection Area radius in metres (derived from the British Standard 5837:2012 formulae)
Ht to L/B	Crown height in metres as measured to the height of the lowest branch
Dir	Direction from which the lowest branch arises
Cr Ht	Height of crown in metres above ground level
Age Class	Y Young (grown to less than one third of life expectancy) MA Middle Aged (grown to between one to two-thirds of life expectancy) M Mature (grown to over two thirds of normal life expectancy) OM Over Mature V Veteran
SULE	Safe useful life expectancy range in years
Cond	Condition, both physiological and structural: G Good (trees with no significant defects) F Fair (trees with some defects amenable to surgery) P Poor (trees with significant defects)
BS Cat	British Standard 5837:2012 Category (see Table 1 in British Standard 5837:2012 for full details)
m/s	Denotes multistem tree along with the individual stem diameters
#	Denotes estimated value where access was not possible

Data: Groups/Hedges Site Reference: TH/B416/0822 Location: Hayne Farm Shop, Gittisham Inspection Date: 31st August 2022 Lead Surveyor: Tom Hurley

Ref No.	Species	Height (m)	Cr Sprd (m)	Stem Dia (mm)	RPA Rad (m)	RPA Area (m <sup>2</sup> )	LB Ht (m)	Cr Ht (m)	Age Cl	SULE	Cond Phys/Str	Observations	Recommendations	BS Cat
H1	<ul style="list-style-type: none"> <li>Goat Willow</li> <li>Hawthorn</li> <li>Oak</li> </ul>	<5.0	Max: 1.5m	<100	<1.20	<5	>=0.0	>=0.0	MA	>40	F-G/P-G	<ul style="list-style-type: none"> <li>Mixed flailed hedgerow comprising Goat Willow and Hawthorn with occasional young Oak noted</li> <li>Hedgerow forms effective screen</li> </ul>	<ul style="list-style-type: none"> <li>Remove western end of hedgerow to accommodate access, parking and replanting</li> <li>Continue to manage retained hedgerow by flailing</li> </ul>	B3
H2	<ul style="list-style-type: none"> <li>Elm</li> <li>Blackthorn</li> <li>Hawthorn</li> <li>Field Maple</li> <li>Rose</li> </ul>	<6.5	Max: 2.5m	<150	<1.80	<10	>=0.0	>=0.0	Y-MA	>40	P-G/P-G	<ul style="list-style-type: none"> <li>Mixed flailed hedgerow with occasional larger Elms and Field Maple further upslope</li> <li>Elms increasingly affected by Dutch Elm Disease</li> </ul>	<ul style="list-style-type: none"> <li>Continue to manage by flailing</li> </ul>	B3
H3	<ul style="list-style-type: none"> <li>Goat Willow</li> <li>Elm</li> <li>Oak</li> <li>Ash</li> <li>Blackthorn</li> <li>Hawthorn</li> <li>Field Maple</li> </ul>	<2.5	Max: 1.0m	<100	<1.20	<5	>=0.0	>=0.0	Y-MA	20-40	P-G/P-F	<ul style="list-style-type: none"> <li>Mixed flailed hedgerow</li> </ul>	<ul style="list-style-type: none"> <li>Continue to manage by flailing</li> </ul>	B3
H4	<ul style="list-style-type: none"> <li>Hawthorn</li> </ul>	<4.0	Max: 1.0m	<100	<1.20	<5	>=0.0	>=0.0	Y-MA	>40	P-G/P-F	<ul style="list-style-type: none"> <li>Variable density flailed hedgerow comprising primarily Hawthorn</li> </ul>	<ul style="list-style-type: none"> <li>Remove eastern end of hedgerow to accommodate access, parking and replanting</li> <li>Continue to manage retained hedgerow by flailing</li> </ul>	B3
G1	<ul style="list-style-type: none"> <li>Oak</li> </ul>	<11.0	N: <5.5 E: <6.0 S: <4.0 W: <5.5	<450	<5.40	<92	>=2.0	>=2.0	Y	>40	G/G	<ul style="list-style-type: none"> <li>Two young hedgerow Oaks bookended by Elms within hedgerow H2</li> <li>Trees form single coalesced crown</li> <li>Oaks have excellent future potential</li> <li>Elms have limited safe useful life expectancy</li> </ul>	<ul style="list-style-type: none"> <li>No works required at the present time</li> </ul>	A2



**Key**

- $T_n$  Category A tree
- $T_n$  Category B tree
- $T_n$  Category C tree
- $T_n$  Category U tree
- Individual tree crown spread
- Collective crown spreads
- Root protection area
- BS5837:2012 shade path
- Collective crown spread to be removed
- Proposed development footprint
- Construction exclusion zone
- Braced Heras fencing (see AGS101)

N

**Notes**

Drawing Title:  
**Tree Location Plan**

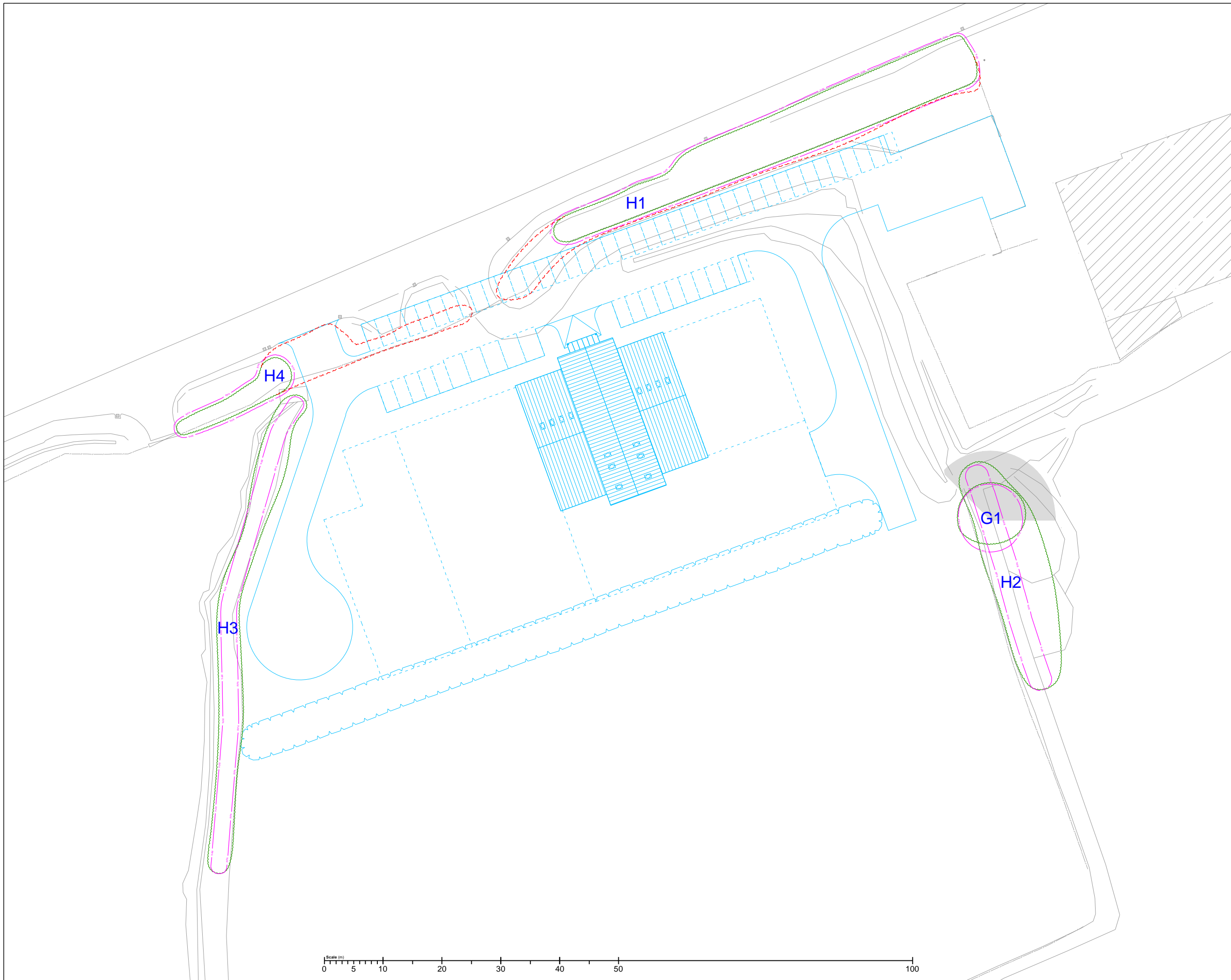
Location:  
**Hayne Farm Shop  
Gittisham**

Date:	Project Reference:	Revision:
05.12.2022	TH/B416/0822	1.0
Scale:	Paper Size:	Drawn By:
1:600	A3	TH

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Note: The original of this drawing was produced in colour - a monochrome copy should not be relied upon. All drawings © Advanced Arboriculture.





**Key**

- $T_n$  Category A tree
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- Collective crown spread to be removed
- Proposed development footprint
- Construction exclusion zone
- Braced Heras fencing (see AGS101)

N

**Notes**

Drawing Title:  
**Tree Constraints Plan**

Location:  
**Hayne Farm Shop  
 Gittisham**

Date:	Project Reference:	Revision:
05.12.2022	TH/B416/0822	1.0
Scale:	Paper Size:	Drawn By:
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# Hayne Farm Shop Gittisham

## Tree Protection Plan and Arboricultural Method Statement

**Tom Hurley, BSc(For)Hons, M Arbor A**

**5th December 2022**

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# Tree Protection Statement - Key Information

- **Once planning consent has been granted, this Tree Protection Statement is a legally binding document.**
- **All planning conditions must be read and fully implemented.**
- **Failure to follow the measures detailed within the drawings and method statement can lead to the issue of a Stop Notice or further enforcement action.**
- **The drawings and method statement must be reviewed by the demolition/groundwork/construction/landscape teams to ensure that all works can be completed without encroachment into the Construction Exclusion Zones. If this is not possible then any issues must be raised with Advanced Arboriculture and alternative solutions found.**

#### Document Downloads:

Scan these QR codes with your mobile device to download PDF versions of the Arboricultural Guidance Sheets referred to within this document.

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# Tree Protection Statement

## Attachments

- Tree Protection Plan
- Arb Method Statement Plan
- AGS101 Braced Heras Fencing
- AGS801 Protective Fencing Poster
- AGS802 Site Office Tree Poster

## Introduction

### Heads of Terms

This document provides information for the benefit of the local planning authority and the project team, however, the specific tree protection details are contained within the attached Tree Protection Plan, Arboricultural Method Statement and Arboricultural Guidance Sheets.

The document has been prepared based on information available to Advanced Arboriculture Ltd at the time of writing, however, further technical, topographical, arboricultural, architectural, ecological or engineering information may come to light after the relevant arboricultural conditions have been cleared. It is the responsibility of the project manager to draw any changes in the project scope to our attention at the earliest opportunity.

The scheduling and implementation of the tree protection measures detailed in the report also remains the responsibility of the client. Whilst the project team may appoint a suitably qualified third party arboricultural supervisor, Advanced Arboriculture Ltd are able to take on this role subject to the client's formal instruction.

Advanced Arboriculture Ltd shall not be held liable for any unauthorised deviation from the tree protection measures and scheduling detailed within this report.

### Tree Protection Overview

The included Tree Protection Plan and Arboricultural Method Statement detail the tree protection measures required for the proposals, the timing of the provision of tree protection measures, and the retention of a suitably qualified arboricultural supervisor in the event of any accidental damage to the trees.

This document must be reviewed by the client or their delegated project manager and/or site manager with the arboricultural supervisor prior to the commencement of any works to ensure that both the scheduling and protection measures detailed within the Arboricultural Method Statement remain achievable and realistic. Once the Tree Protection Plan and Arboricultural Method Statement Plans have been reviewed and signed off by both the client/site manager and arboricultural supervisor, these drawings must be held on site for ongoing reference and to allow the local planning authority to check them at any reasonable time. Any variations to the Tree Protection Plan or Arboricultural Method Statement must be copied to the local planning authority; in the case of major variations to these documents, written approval may be required.

## Tree Protection Measures Overview

### Arboricultural Supervision

An ad-hoc arboricultural inspection programme is shown on the Arboricultural Method Statement Plans. Inspections must be requested by the client, project manager and/or site manager where the project scope changes, or where unforeseen construction activities may present a threat to retained trees on or adjacent to the site. The attached Arboricultural Supervision Record Sheet must be filled in on an ongoing basis and retained on site for inspection by the local planning authority at any reasonable time.

### Staff Induction

The Arboricultural Method Statement references the attached Arboricultural Staff Induction Sheet. This must be read, understood and signed by all site operatives, including sub-contractors, as an integral element of their initial site induction. The purpose of this is to minimise the potential for damage to trees during construction.

### Protective Fencing

Protective fencing is a key element of the tree protection measures for this project. This comprises 65 braced Heras panels (see Arboricultural Guidance Sheet AGS101 attached); the specification for these matches the specification detailed within British Standard 5837:2012.

There may be instances on site where it is desirable to substitute braced Heras fencing with site hoarding; the specification for the hoarding and the method statement for its construction must be approved prior to installation by the arboricultural supervisor.

All fencing must be erected prior to the commencement of any mobilisation to site by contractors, plant or materials and must remain in situ until all construction works have been completed and approval for removal is granted by the arboricultural supervisor.

### Site Organisation

Prior to the commencement of any demolition or construction activities on site, the locations for site offices, welfare facilities, parking, a materials storage area and a concrete/plaster mixing area must be designated and marked on the Tree Protection Plan.

It may be possible to locate site huts, cabins and welfare facilities where protective fencing is shown on the Tree Protection Plan, however, this will only be possible with the written consent of the arboricultural supervisor and subject to the following conditions:

- The site huts will remain in situ for the duration of the project (if not, protective fencing will still be required prior to the installation of the huts, or after their removal);
- There is sufficient crown height available to accommodate the huts without the need for unauthorised crown lifting or pruning;
- Any services or sewerage for the huts must be remain above ground and not require excavation;
- No discharge from the huts, including grey water, shall be permitted within the demarcated construction exclusion zone, with the exception of rainwater from the roofs or guttering;
- Where foundation pads are required to support huts, these must comprise timber sleepers or concrete paving slabs placed on the existing ground level (digging foundations in must be avoided).

Parking, materials storage and materials mixing must remain outside of the designated construction exclusion zones, and the materials mixing area should be

bunded or contained such that any spillage or rinsings cannot run towards the root protection areas of any retained trees.

If bonfires are permitted, these must remain at least ten metres from either the construction exclusion zone, root protection area or crown spread of any tree, whichever is closer; this is to minimise any risk of heat damage to either the rooting system or crown of any retained tree.

### Services

The location of proposed new services has not been made available to Advanced Arboriculture Ltd at the time of this report's preparation. All services must be routed outside of the root protection areas of all retained trees. Where this is not possible, alternative installation methods must be investigated, including manual digging, directional boring, etc.

Engineering drawings showing the proposed service routes should be forwarded to Advanced Arboriculture Ltd for review prior to the commencement of any ground works or services installation. Advanced Arboriculture is able to forward a PDF or AutoCAD DWG file directly to the project engineers on request showing the accurate locations of the root protection areas.

### Hard and Soft Landscaping

Any hard landscaping within the root protection area of any retained trees which includes changes in ground levels (cut or fill), new walls or new paths will require further arboricultural review to ensure that any detrimental impact is limited. If unsustainable damage is considered to be unavoidable then the landscaping scheme will require revision.

Soft landscaping near retained trees, including the planting of new trees and shrubs, must be undertaken with considerable care due to the potential for rooting damage. Mechanical rotovation or cultivation within the construction exclusion zones shown on the Tree Protection Plan must be avoided as this can cause significant damage to the rooting system of adjacent trees.

All new trees must be sourced from a reputable nursery and planted in accordance with the recommendations detailed within British Standard 8545:2014. We are able to provide an independent verification of the quality of new trees prior to planting on request.

### Tree Works

The appointed tree work contractor must ensure that all tree works comply with British Standard 3998:2010 (Tree Works - Recommendations) and it is strongly advised that the appointed tree contractor is Arboricultural Association Approved to ensure high standards and a consistency of work.

Under the Wildlife & Countryside Act 1981 & Countryside & Rights of Way Act 2000 it is an offence to recklessly damage or destroy the nest of a wild bird whilst in use or being built; planning consent does not provide a defence against prosecution under these Acts. Trees, shrubs and hedgerows on this site may contain nesting birds between 1st March and 31st August and it is advisable to undertake a survey of the site before commencing any vegetation removal between these dates, to ensure that no nesting birds are present. Advanced Arboriculture are able to undertake a survey to identify the presence of bats or nesting birds if required at the request of the client.

Document Title:

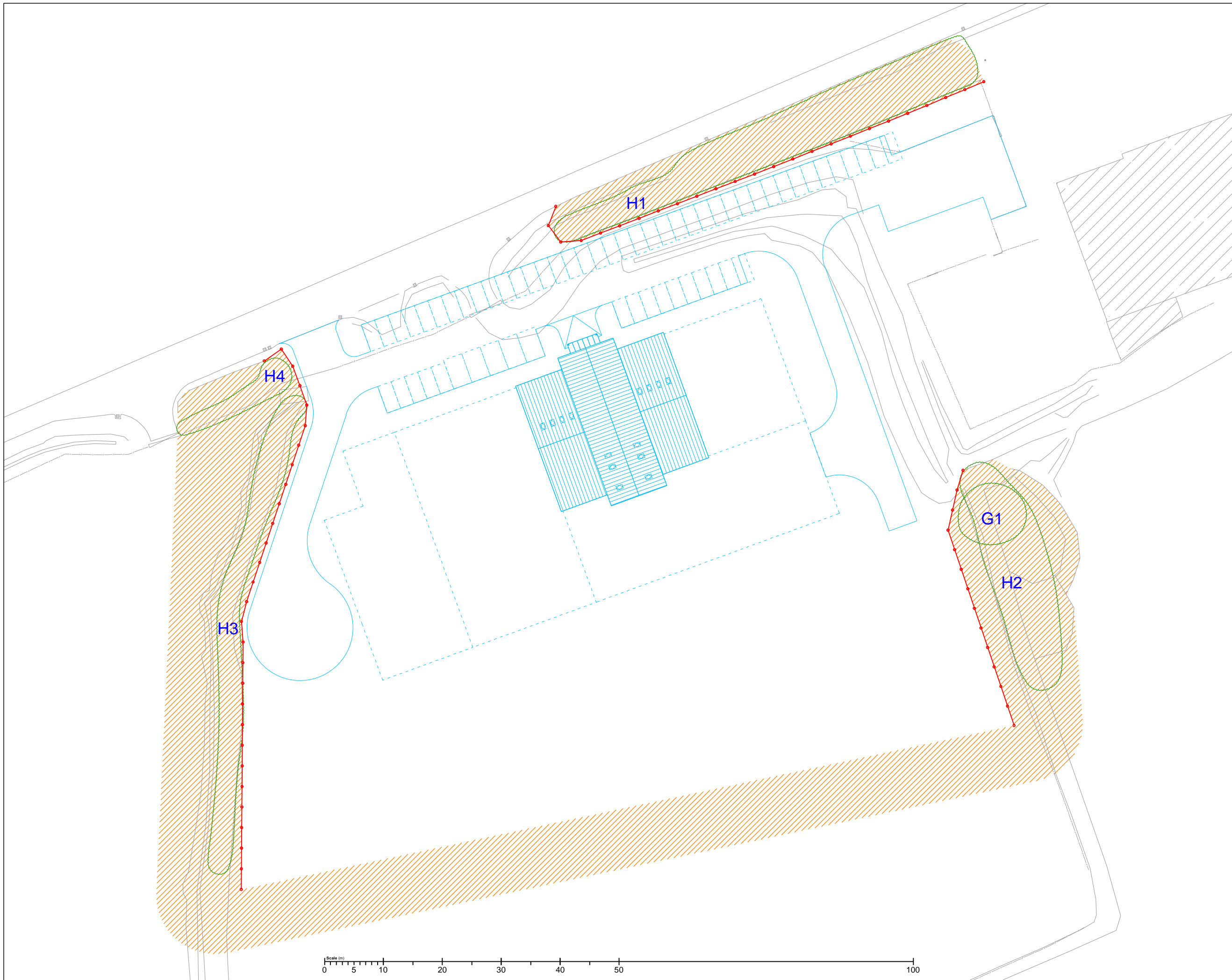
## Background Information

Location:

## Hayne Farm Shop Gittisham

Date:	Project Reference:	Revision:
05.12.2022	TH/B416/0822	1.0
Scale:	Paper Size:	Drawn By:
n/a	A3	TH

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### Key

- T<sub>n</sub> Category A tree
- T<sub>n</sub> Category B tree
- T<sub>n</sub> Category C tree
- T<sub>n</sub> Category U tree
- Individual tree crown spread
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- Braced Heras fencing (see AGS101)

### Notes

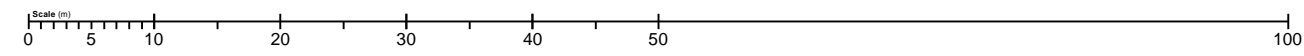
- Protective fencing must not be breached or dismantled at any point during the construction programme without the written consent of the local planning authority.
- Failure to fully comply with this Tree Protection Plan may result in the local planning authority pursuing enforcement action.
- It is the Site Manager's responsibility to ensure that all site personnel, plant and materials remain outside of the Construction Exclusion Zones and protective fencing at all times.

Drawing Title:  
**Tree Protection Plan**

Location:  
**Hayne Farm Shop  
 Gittisham**

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**Arboricultural Method Statement**

All works to be undertaken sequentially in accordance with the following schedule:

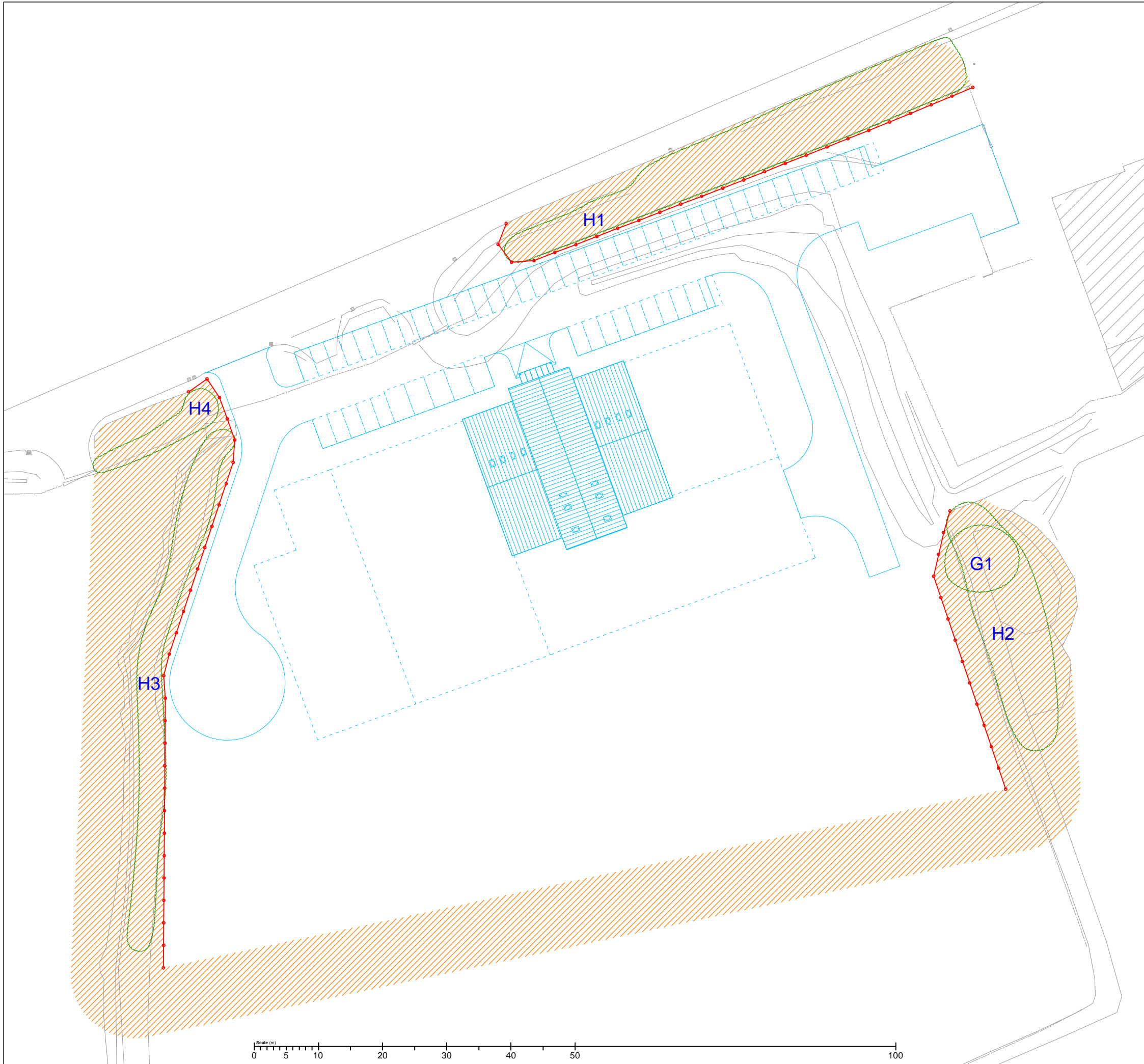
1. Tree Protection Plan and Arboricultural Method Statement to be reviewed and signed off by the Site Manager and Arboricultural Supervisor (see below). Any amendments to be made and a copy of all revised documents sent to the local planning authority as necessary. Signed off copy to be held on file in the site office for the duration of construction works.
2. All site personnel, including sub-contractors, to be advised of tree protection requirements during induction (see Arboricultural Induction Sheet).
3. All hedge clearance works to be undertaken in accordance with British Standard 3998:2010.
4. Protective fencing to be installed as per the specification detailed within Arboricultural Guidance Sheet AGS101.
5. Arboricultural supervisor to attend site to inspect fencing prior to the commencement of any construction activities (may be done via Skype/Facetime where practicable).
6. Construction to commence in accordance with approved site layout.
7. Advanced Arboriculture to undertake ad hoc inspections at the request of the site manager or client. All inspections to be logged on the Arboricultural Supervision Inspection Record and any issues to be raised within an Exception Report to the client.
8. Any accidental damage to trees to be reported immediately to Advanced Arboriculture with any necessary remedial works to be agreed with the local planning authority.
9. Fencing to be dismantled only on completion of all construction works and to allow for soft landscaping.
10. Signed copy of this drawing and Arboricultural Supervision Inspection Record to be held on project files on completion of all construction works.

**Document Review**

The Arboricultural Method Statement must be reviewed and signed off by the Site Manager and Arboricultural Supervisor prior to the commencement of works to ensure that it is fit for purpose.

Site Manager: \_\_\_\_\_  
 Arb Supervisor: \_\_\_\_\_  
 Date: \_\_\_\_\_

Document reviewed?	<input type="checkbox"/>	<input type="checkbox"/>
Issues raised?	<input type="checkbox"/>	<input type="checkbox"/>
Revised document required?	<input type="checkbox"/>	<input type="checkbox"/>



**Key**

- T<sub>n</sub> Category A tree
- T<sub>n</sub> Category B tree
- T<sub>n</sub> Category C tree
- T<sub>n</sub> Category U tree
- Individual tree crown spread
- Collective crown spreads
- Root protection area
- BS5837:2012 shade path
- Collective crown spread to be removed
- Proposed development footprint
- Construction exclusion zone
- Braced Heras fencing (see AGS101)



**Notes**

- Protective fencing must not be breached or dismantled at any point during the construction programme without the written consent of the local planning authority.
- Failure to fully comply with this Arboricultural Method Statement may result in the local planning authority pursuing enforcement action.
- It is the Site Manager's responsibility to ensure that all site personnel, plant and materials remain outside of the Construction Exclusion Zones and protective fencing at all times.

Drawing Title:  
**Arboricultural Method Statement Plan**

Location:  
**Hayne Farm Shop  
 Gittisham**

Date:	Project Reference:	Revision:
05.12.2022	TH/B416/0822	1.0
Scale:	Paper Size:	Drawn By:
1:600	A3	TH

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 e: info@advancedarb.com  
 w: www.advancedarb.com

Note: The original of this drawing was produced in colour - a monochrome copy should not be relied upon. A copy of this drawing can be requested in DWG format to allow for setting out of tree protection measures. All drawings © Advanced Arboriculture.

# Tree Protection Information

## Notes for Site Manager



### Trees on this site are legally protected by the Local Planning Authority.

- Planning conditions, Tree Preservation Orders and Conservation Area regulations mean that damage to trees may result in enforcement action and all site works being stopped.



### Protective fencing must not be moved or dismantled under any circumstances.

- The protective fencing for the trees is there to protect the trees and their rooting systems.
- The fencing must not be moved for any reason unless it has been approved by the Site Manager and the Arboricultural Supervisor.



### The Construction Exclusion Zones are not to be used for any reason.

- These areas are there for a reason: to protect the tree above and below the ground.
- Storage of materials, the mixing of concrete, the fueling of machines, the parking of vehicles, etc. all cause damage to a tree's roots so use a designated zone for these activities.



### Trees are not to be used for any purpose - they are there for the future.

- Trees are not to be used as a place to screw signs onto, or as cable supports.
- Fires can do massive damage to trees, both above and below ground, and even some distance away. If a fire is permitted on site, it must be at least ten metres from the nearest branch of any retained tree.



### Extra care will always be required when craning or using excavators.

- It's too easy to accidentally swing an excavator boom, HIAB, crane jib or load into the branches or trunk of a tree so extra care is always required.
- Plan all movements carefully, make sure the operator has good visibility and, where possible, use an experienced banksman.



### What to do if it all goes wrong?

- Accidents can happen so if a tree is damaged, even only slightly, this must be reported to the Site Manager immediately.
- If the Site Manager is not available then contact Advanced Arboriculture immediately to seek further advice.

All site staff including archaeologists, consultants, contractors, sub-contractors, arborists and landscapers must sign below to confirm that they have read and understood this information

Full Name: _____ Signature: _____	Signature: _____	Full Name: _____ Signature: _____	Signature: _____
Company: _____ Date: _____	Date: _____	Company: _____ Date: _____	Date: _____
Full Name: _____ Signature: _____	Signature: _____	Full Name: _____ Signature: _____	Signature: _____
Company: _____ Date: _____	Date: _____	Company: _____ Date: _____	Date: _____
Full Name: _____ Signature: _____	Signature: _____	Full Name: _____ Signature: _____	Signature: _____
Company: _____ Date: _____	Date: _____	Company: _____ Date: _____	Date: _____
Full Name: _____ Signature: _____	Signature: _____	Full Name: _____ Signature: _____	Signature: _____
Company: _____ Date: _____	Date: _____	Company: _____ Date: _____	Date: _____
Full Name: _____ Signature: _____	Signature: _____	Full Name: _____ Signature: _____	Signature: _____
Company: _____ Date: _____	Date: _____	Company: _____ Date: _____	Date: _____
Full Name: _____ Signature: _____	Signature: _____	Full Name: _____ Signature: _____	Signature: _____
Company: _____ Date: _____	Date: _____	Company: _____ Date: _____	Date: _____
Full Name: _____ Signature: _____	Signature: _____	Full Name: _____ Signature: _____	Signature: _____
Company: _____ Date: _____	Date: _____	Company: _____ Date: _____	Date: _____

Damage to trees during construction can result in enforcement action, including the local authority issuing Stop Notices or pursuing prosecution for damage to trees covered by a Tree Preservation Order.

It is essential that all staff working on site, including contractors, sub-contractors and delivery drivers, are made aware of the tree protection measures in operation on this site.

It may be necessary to read the sheet out to personnel with limited literacy or language skills.

Every member of staff must sign this sheet to confirm that they have fully understood the tree protection measures. The sheet must remain on site with the Tree Protection Plan and Arboricultural Method Statement to allow for inspection at any reasonable time by the Arboricultural Supervisor or the Local Planning Authority Arboricultural Officer.

In the event of any queries, concerns or amendments, please contact Advanced Arboriculture at the earliest opportunity.

**It is essential that the project has a designated Arboricultural Supervisor. If this role has not been assigned then please contact the client or Project Manager to request authorisation to appoint an Arboricultural Supervisor. It is the Site Manager's responsibility to ensure that all staff are fully inducted, that all tree protection measures are installed and maintained correctly, and that the scheduling detailed within the Arboricultural Method Statement is followed.**

**Arboricultural Supervisor**  
(unless otherwise instructed)

Name: Tom Hurley  
Company: Advanced Arboriculture  
Tel: 01395 239002  
Mobile: 07967 384910  
Email: th@advancedarb.com

Drawing Title:  
**Arboricultural Site Induction Sheet**

Location:  
**Hayne Farm Shop Gittisham**

Date: 05.12.2022  
Project Reference: TH/B416/0822  
Revision: 1.0

Scale: 1:600  
Paper Size: A3  
Drawn By: TH

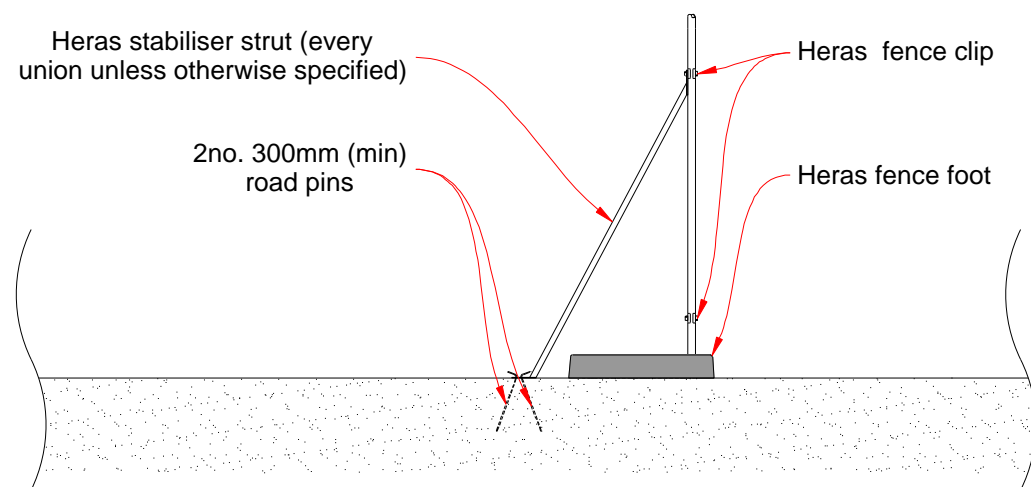
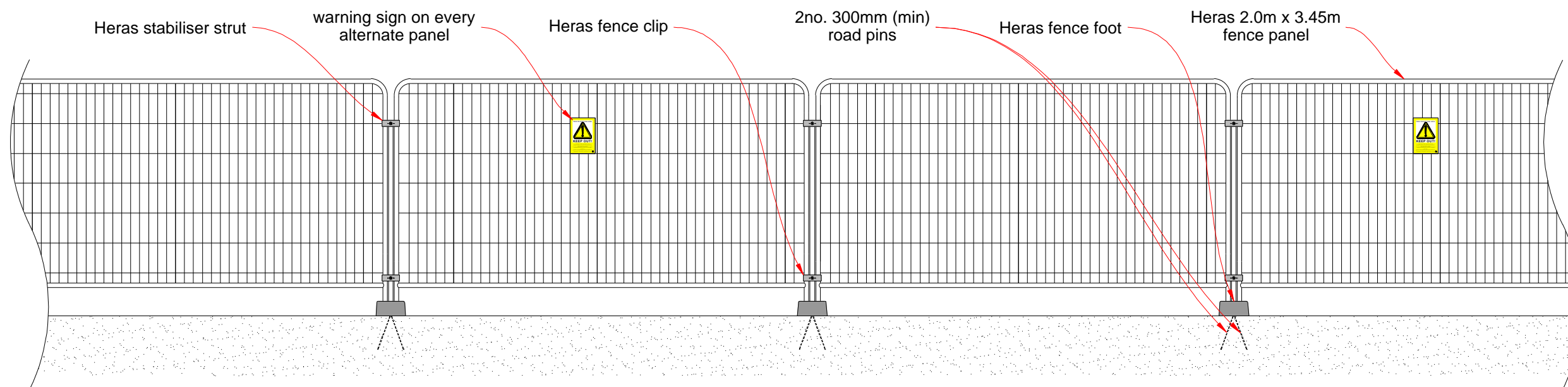
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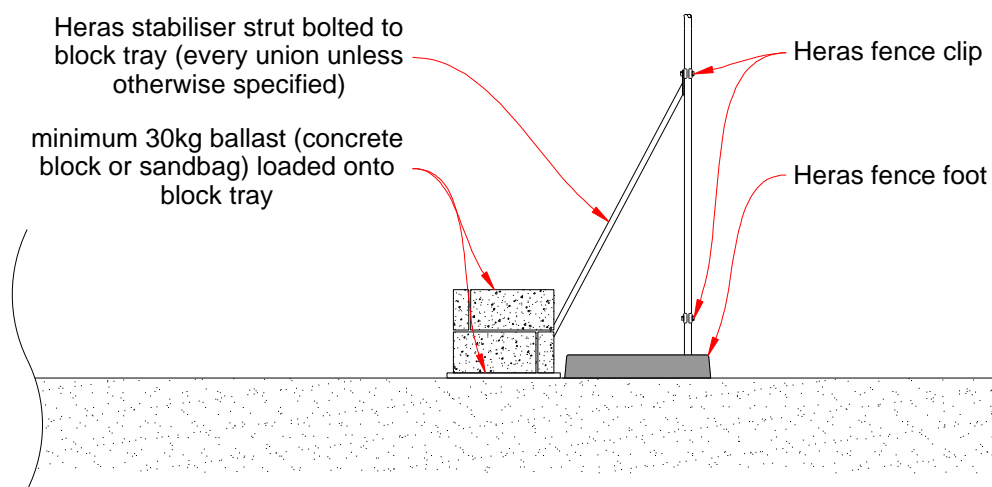


**Notes**

- These specifications are for guidance only.
- This fencing specification is based on the specification detailed within British Standard 5837:2012 Figure 3 but adds an additional detail for where the use of road pins is not possible.
- Stabiliser struts to be attached at every panel union unless specified otherwise.
- A check for underground services must be completed before driving any road pins into the ground.
- Where it is not possible to use road pins due to hard surfacing or the presence of underground services, a Heras block tray may be used with a minimum of 10kg of ballast (concrete blocks, metal weights or sandbags).
- This information must accompany all tender documents to enable contractors to include tree protection measures in their costings.
- Local planning authority consent for these specifications cannot be assumed and must be sought prior to commencement of any construction works.



**Back Bracing Cross Section (for use where road pins may be driven into the ground)**



**Back Bracing Cross Section (for use where road pins cannot be driven into the ground)**

Drawing Title:  
**Braced Heras Fencing**

Date:	Drawing Number:	Revision:
01.02.2021	AGS101	1.0
Scale:	Paper Size:	Drawn By:
1:40	A3	TH

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# TREE PROTECTION AREA



# KEEP OUT

**(TOWN AND COUNTRY PLANNING ACT 1990)**

**TREES ENCLOSED BY THIS FENCE ARE LEGALLY PROTECTED BY PLANNING CONDITIONS AND MAY BE THE SUBJECT OF A TREE PRESERVATION ORDER.**

**ANY INCURSION INTO THE PROTECTED AREA MUST HAVE THE WRITTEN PERMISSION OF THE LOCAL PLANNING AUTHORITY.**

**IN CASE OF ANY DAMAGE TO PROTECTIVE FENCING OR TREES, CALL ADVANCED ARBORICULTURE ON 01395 239002.**

Advanced Arboriculture • [www.advancedarb.com](http://www.advancedarb.com) • [office@advancedarb.com](mailto:office@advancedarb.com) • 01395 239002

## Notes

This poster may be printed out and laminated or requested electronically as an A4 PDF or ready printed on laminated board.

### Printing Instructions (A4 printing only):

- For the best results, this document should be printed using a colour laser printer and laminated.
- Open this file in Adobe Acrobat Reader or Acrobat Pro.
- Select *File > Print*.
- Choose the printer and make sure it is set to print on A4 paper.
- Under *Size Options*, choose "Actual size".
- Under *Orientation*, choose "Portrait".
- Select *Print*.

### Electronic Copies:

- This document may be downloaded directly from the Advanced Arboriculture website using the following links:

A4: <http://www.advancedarb.com/download/A4.pdf>  
A3: <http://www.advancedarb.com/download/A3.pdf>

These documents may only be used for projects where Advanced Arboriculture have been appointed as the arboricultural supervisors.

All documents are © Advanced Arboriculture.

### Arboricultural Supervisor

(unless otherwise instructed)

**Name:** Tom Hurley  
**Company:** Advanced Arboriculture  
**Tel:** 01395 239002  
**Mobile:** 07967 384910  
**Email:** [th@advancedarb.com](mailto:th@advancedarb.com)

### Drawing Title:

**Protective Fencing  
Poster**

Date:	Drawing Number:	Revision:
01.02.2021	AGS801	1.0
Scale:	Paper Size:	Drawn By:
n/a	A3	TH

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# CAUTION



## PROTECTED TREES ON SITE

- DO NOT ENTER TREE PROTECTION FENCING
- ALWAYS USE DESIGNATED STORAGE, MIXING AND PARKING AREAS
- TAKE ADDITIONAL CARE WHEN DRIVING HIGH SIDED VEHICLES
- ALWAYS USE A BANKSMAN WHEN USING HIABS, CRANES AND EXCAVATORS NEAR TREES

**REPORT ANY TREE DAMAGE TO SITE MANAGER IMMEDIATELY**

### Notes

**The poster must be put up on the site office board and in the workforce welfare facilities at the commencement of construction and must remain clearly visible for the duration of the project.**

The Site Manager must enter their name and mobile telephone number in the box on the poster. In the event of any accidental damage to any trees (including rooting damage), the Site Manager must contact the Arboricultural Supervisor immediately to seek further advice.

This poster may be printed out and laminated or requested electronically as an A4 PDF or ready printed on laminated board.

#### Printing Instructions (A4 printing only):

- For the best results, this document should be printed using a colour laser printer and laminated.
- Open this file in Adobe Acrobat Reader or Acrobat Pro.
- Select *File > Print*.
- Choose the printer and make sure it is set to print on A4 paper.
- Under *Size Options*, choose "Actual size".
- Under *Orientation*, choose "Portrait".
- Select *Print*.

#### Electronic Copies:

- This document may be downloaded directly from the Advanced Arboriculture website using the following links:

A4: <http://www.advancedarb.com/download/siteposterA4.pdf>  
A3: <http://www.advancedarb.com/download/siteposterA3.pdf>

These documents may only be used for projects where Advanced Arboriculture have been appointed as the arboricultural supervisors.

All documents are © Advanced Arboriculture.

### Arboricultural Supervisor

(unless otherwise instructed)

**Name:** Tom Hurley  
**Company:** Advanced Arboriculture  
**Tel:** 01395 239002  
**Mobile:** 07967 384910  
**Email:** [th@advancedarb.com](mailto:th@advancedarb.com)

#### Drawing Title:

### Site Office Tree Poster

Date:	Drawing Number:	Revision:
01.02.2021	AGS802	1.0
Scale:	Paper Size:	Drawn By:
n/a	A3	TH

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