



# ROAVR | GROUP

**Project:** 26\_5837\_01\_104  
**Site:** The Hatch, Kent Street, Cowfold, Horsham, West Sussex, RH13 8BG  
**Client:** Sven Sorenson



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|                 |                                                                 |
|-----------------|-----------------------------------------------------------------|
| Project Number: | 26_5837_01_104                                                  |
| Report Type:    | Arboricultural Impact Assessment & Method Statement             |
| Site Address:   | The Hatch, Kent Street, Cowfold, Horsham, West Sussex, RH13 8BG |

| Role:             | Name:             | Date:      |
|-------------------|-------------------|------------|
| Instructing Party | Joe Holmes        | 29/01/2026 |
| Customer          | Sven Sorenson     | 02/02/2026 |
| Surveyor          | Connor Harmsworth | 07/02/2026 |
| Consultant        | Connor Harmsworth | 13/02/2026 |

| Revision History |                 |                         |
|------------------|-----------------|-------------------------|
| Date:            | Version number: | Summary of changes:     |
| 13/02/2026       | 1.0             | First Review (Internal) |
| 23/02/2026       | 1.0             | First Issue             |
| 15/04/2026       | 1.1             | Updates                 |

# Arboricultural impact assessment

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## Validation Statement for the Local Planning Authority.

This report includes the following for LPA validation purposes:

- A **tree survey and tree constraints plan** showing the existing trees, their category rating and above and below ground constraints shown on an OS extract OR a topographical survey
- An **arboricultural impact assessment** which describes how the development will affect local character from a tree perspective
- **Appendices** highlighting tree related information including the **arboricultural data tables**

## Customer Action Points.

- ☐ - Reporting complete - send to your Local Planning Authority
- ☐ - On planning award contact us with your decision notice

## 1. Introduction & Scope:

This arboricultural assessment has been prepared in accordance with BS5837:2012, providing the necessary information for the Local Planning Authority to assess the potential impact of the proposed development on local character and amenity from a tree perspective.

The brief was to survey the tree population on-site and identify any arboricultural constraints to the proposed development. The assessment includes all trees with a stem diameter greater than 75mm measured at 1.5 metres above ground level, as required by BS5837.

Tree surveys were conducted using ground-based inspections and the Visual Tree Assessment (VTA) method. A sounding hammer was used to assess for decay where relevant, but no invasive techniques were employed at this stage. Root Protection Areas (RPAs) were calculated in line with the methodology set out in BS5837.

Key elements of the report include:

- A Tree Constraints Plan, illustrating the position of trees on the site.
- Arboricultural data tables providing information on tree species, condition, and dimensions.
- Grouping or designation of groups and woodlands where areas were uniform in species, age, or geography, as permitted under BS5837.

This report will assist the planning process by evaluating the impact of the proposed development on the existing tree stock. Section 4 includes the Arboricultural Impact Assessment, which examines constraints posed by trees both above ground (e.g., crown spread) and below ground (e.g., RPAs).

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*Report Author.*

*ROAVR (ROAVR Group) was formed in 2010 and since then has carried out arboricultural consultancy Nationwide with directly employed consultants. Our consultants are all individual members of the Arboricultural Association and the report author is listed in the document control sheet.*

## Photographic Plates.



*Photographic plate showing the proposed garage area. (ROAVR, 2026)*



*Photographic plate showing T5 (left) and T6 (right). (ROAVR, 2026)*



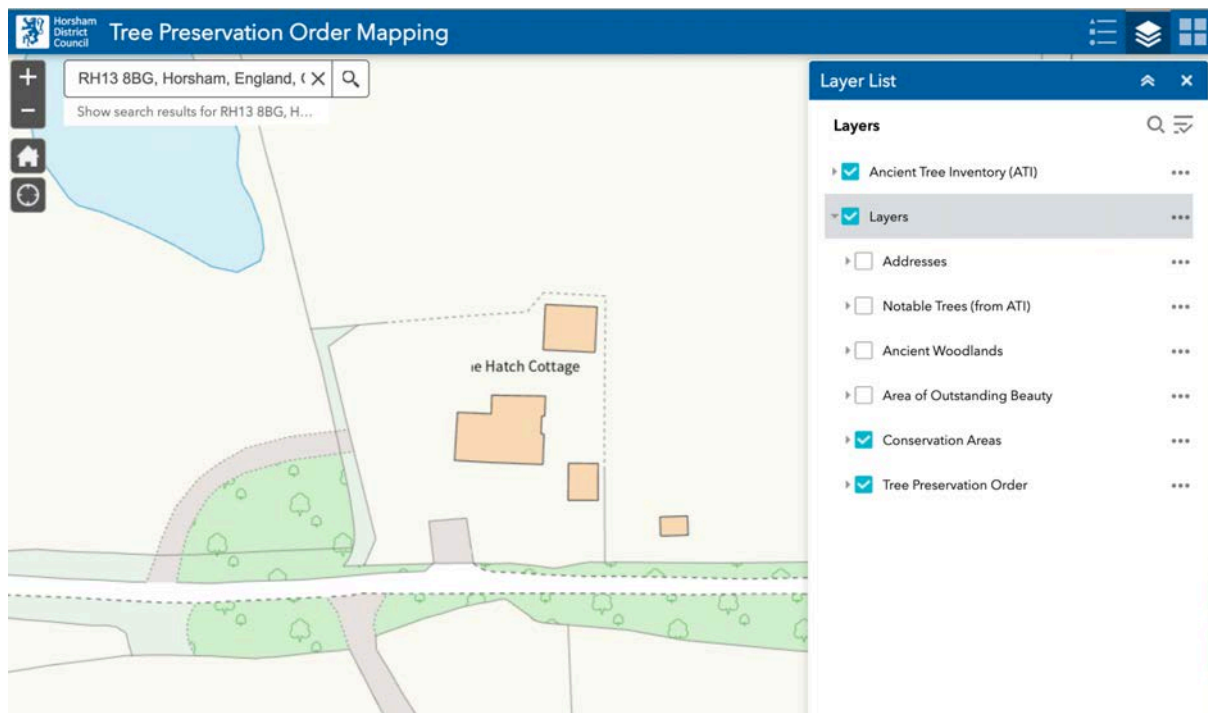
*Photographic plate showing T8 (centre). (ROAVR, 2026)*



*Photographic plate showing T9 (left) and T10 (right). (ROAVR, 2026)*

## 2. Site Conditions & Site Surroundings

- 2.1 The site is situated in Cowfold in the Horsham District Council control area. The site is located 2km south east of the village and has a rural feel.
- 2.2 The site is home to a detached dwelling with associated hard and soft landscape.
- 2.3 The wider locality is predominantly rural. The site is accessed via a private driveway off Kent Street.
- 2.4 A desktop assessment has established that the site is not within a Conservation Area and that there are no Tree Preservation orders on-site.
- 2.5 All desktop assessment data was cross checked and validated on the 13/02/26 using the web portal provided by the local planning authority.



*Image plate showing the desktop analysis results of the surveyed plot.*

*(Horsham District Council, 2026)*

- 2.6 Works to protected trees require consent from the local planning authority. In the case of TPO's an application must be made. In the case of conservation areas a notification must be made. TPO applications take up to eight weeks, conservation area notifications take six weeks.
- 2.7 Certain exemptions apply; for example the removal of deadwood. In the case of dangerous trees 5-days written notice should be given to the local authority (in the cases of immediate danger the work should proceed, but the local authority contacted as soon as possible afterwards) with the works evidenced by photographs and video where possible. You should also check to ensure the works are exempt from the requirements of a felling licence.

<https://www.legislation.gov.uk/uksi/2012/605/regulation/14/made>

- 2.8 It should be noted that planning consent overrides protected trees, where the works or removal are necessary for development to proceed and have been highlighted in the tree survey documents.
- 2.9 Bats. Under current legislation it is an offence to 'intentionally or recklessly disturb a bat' or 'damage, destroy or block access to the resting place of any bat'. For further details consultation must be made with the Statutory Nature Conservancy Organisation. Where relevant any current ecological surveys for the site will take precedence in this matter. Trees provide numerous 'potential roosting features' for a wide range of bat species. It is therefore crucial that any trees proposed for removal are checked by an appropriately competent person before any felling or ivy stripping works commence.

<https://www.bats.org.uk/advice/bats-and-the-law>

- 2.10 Birds. It is an offence to kill, injure or take any wild bird; or take, damage or destroy the nest of any wild bird while it is in use or being built. Therefore work likely to disturb nesting birds must be avoided from late March to August. All birds, their nest and eggs are protected by law.

<https://www.rspb.org.uk/birds-and-wildlife/advice/wildlife-and-the-law/wildlife-and-countryside-act/>

### 3. Drawings

- 3.1 Appended to this report is a tree constraints plan and a tree assessment plan.
- 3.2 The tree constraints plan has been produced using an OS supplied .dwg (AutoCAD) base plan as no topographical survey was available. Tree positions and data have been applied using our survey handset as an onsite exercise with the constraints plan being produced as a PDF through Auto CAD.
- 3.3 An autoCAD .dwg file of the tree constraints is available on request for project stakeholders to utilise.
- 3.4 The *Tree Constraints Plan* shows the existing layout. For each tree the stem location is indicated and scaled according to its diameter, the canopy is indicated according to measurements taken along the four cardinal points of the compass. Root protection areas (RPAs) are indicated which are calculated according to the guidelines within BS 5837 (2012).
- 3.5 Where appropriate, the shapes of the RPAs have been amended to reflect actual site conditions or where trees have been heavily pruned. The 'original' RPAs are indicated as a dashed line whereas the amended RPAs are indicated as a solid line. Any variation to this approach will be highlighted on the appropriate plans.
- 3.6 The *Tree Assessment Plan / Arboricultural Impact Assessment* indicates the tree constraints with the proposals overlaid. Where applicable, this plan shows where works are proposed in Root Protection Areas and which trees are to be pruned or removed. This plan accompanies the Impact Assessment which is to be found in Section 4.
- 3.7 The *Tree Protection Plan (if applicable)* shows the protection measures that are to be installed during the construction phase. This plan accompanies an arboricultural method statement where applicable and commissioned.

## 4. Arboricultural Impact Assessment - Site Specific

### 4.1 Tree Quality Statement.

The tree population is dominated by Common Oak of varying age classes, supported by a Lawson Cypress hedge and a small mixed ornamental group. The overall arboricultural quality of the site is high due to the presence of several mature and over-mature Oaks with long-term retention value.

T2, T3, T4, T8, T9 and T10 are high quality specimens categorised as A. These Oaks are mature or over-mature with good physiological and structural condition and an estimated life expectancy in excess of 40 years. T2, T3, T4 and T9 are particularly strong landscape features, with broad canopies and well-developed crown structures. T8 is over-mature with a substantial stem diameter and significant landscape presence. T10 displays epicormic growth on the stem but remains in good overall condition. T3 and T4 are roadside trees and contribute to public amenity value.

T6 and T7 are categorised as B trees. Both are mature Oaks with good condition and a life expectancy exceeding 40 years. T7 exhibits some crown dieback and reduced bud density but retains reasonable structure and future potential. These trees provide meaningful visual and environmental benefits and are suitable for long-term retention.

T1 and T5 are younger semi-mature Oaks categorised as C1. Both have multiple stems arising below 1.5 m and stem division at a low height. Dense ivy growth prevented full stem inspection. Their condition is fair with an estimated life expectancy of at least 10 years. While they have limited individual merit compared to the mature Oaks, they remain suitable for retention where practicable.

H1, a semi-mature Lawson Cypress hedge, and G1, a young mixed ornamental boundary group, are categorised as C2. Both provide screening and localised amenity value but are of lower overall arboricultural quality.

In summary, the site contains a strong framework of mature and over-mature Oak trees with high public and landscape value, supported by secondary category B and C trees that contribute to screening and local character. Retention of the A and B category Oaks will be important in maintaining the site's arboricultural structure and long-term canopy cover.

## 4.2 Description of The Proposed Development

*The drawings listed in the table below were used by ROAVR to produce the Arboricultural drawings referenced in this report. If your plans change (either before or after planning submission), then the tree drawings will require updating. This report cannot be submitted in support of a scheme that varies from the drawing reference number shown in box one below as the Impact Assessment (Section 4) will not be valid.*

| Drawing Name / No.                       | Date Issued To ROAVR | ROAVR Drawings Issue Date: |
|------------------------------------------|----------------------|----------------------------|
| 07FF9517-0AD8-434A-8514-EB5289DF1778.PNG | 04/06/2026           | 10/06/2026                 |

4.2.1. It is proposed to construct a detached garage measuring approximately 8.0m x 8.0m within the existing gravelled parking area associated with The Hatch Cottage. The structure will utilise screw pile foundations supporting the perimeter walls only, with the existing permeable gravel surface retained beneath the building. No excavation, retaining works or alterations to the adjacent bank are proposed.

## 4.3 Arboricultural Impact Assessment:

### 4.3.1 Proposed foundation design:

The revised proposal has been designed to sit wholly within an existing gravelled parking area that has been subject to regular vehicular use for many years. The development therefore utilises an area that has already experienced historic disturbance and compaction associated with its existing function.

The garage will be supported on a screw pile foundation system positioned around the perimeter of the structure. No continuous trench foundations, raft foundations or floor slab are proposed. The existing gravel surface will be retained beneath the building.

As the structure is confined to the existing gravel footprint, no encroachment into the adjacent grassed bank or other previously undisturbed rooting areas is required. The proposal therefore avoids direct impacts upon the most valuable portions of the rooting environment associated with the adjacent mature Oaks.

Screw pile installation allows localised adjustment of pile positions where roots are encountered and represents one of the lowest impact foundation solutions available in arboricultural terms. Subject to adherence with the Arboricultural Method Statement, the revised proposal is not expected to result in material harm to the long-term retention of adjacent retained trees.

#### 4.3.2 T1:

The revised garage footprint remains within the existing gravelled area and avoids intrusion into adjacent undisturbed rooting areas. Whilst portions of the Root Protection Area extend beneath the existing gravel surface, no significant excavation is proposed. Subject to the use of screw pile foundations and arboricultural supervision of pile installation, the impact on T1 is considered minimal and acceptable.

#### 4.3.3 G1:

The revised proposal remains in partial conflict with the western section of G1, resulting in both minor Root Protection Area and canopy encroachment. To facilitate the development, a section of the western extent of G1 will require removal where it directly conflicts with the proposed garage footprint.

G1 comprises a young mixed ornamental group categorised as C2 under BS5837:2012. The group provides localised screening and amenity value but is of comparatively low arboricultural quality and limited long-term landscape significance when compared with the mature Category A and B Oak trees retained elsewhere on the site.

Any removal works should be undertaken sensitively to minimise disturbance to retained vegetation. Root severance should be avoided wherever practicable, with any roots encountered during construction pruned cleanly using sharp tools. The remaining sections of G1 can be retained and protected throughout the construction phase.

Given the reduced footprint of the revised garage and its location wholly within the existing gravelled area, the impact on G1 is considered minor and acceptable in arboricultural terms.

#### 4.3.4 T2:

T2 is a high-quality Category A Oak whose Root Protection Area extends beneath a significant proportion of the proposed garage footprint. Whilst the level of RPA encroachment remains substantial, it is important to recognise that the development is now confined entirely to an existing gravelled parking area that has been subject to regular vehicular use for many years.

No encroachment into the adjacent bank or previously undisturbed rooting environment is proposed. Furthermore, the garage will be constructed using a low-impact screw pile foundation system supporting the perimeter walls only, with the existing permeable gravel surface retained beneath the structure.

Unlike conventional trench-fill or raft foundations, screw piles require only localised ground disturbance and allow pile positions to be adjusted where significant roots are encountered. Consequently, whilst the geometric RPA incursion remains extensive, the actual level of root disturbance is anticipated to be limited.

All pile installation works within the RPA shall be undertaken under arboricultural supervision, with pile locations adjusted where necessary to avoid significant roots. Subject to implementation of the Arboricultural Method Statement, the proposal is not expected to result in material harm to the health, stability or long-term retention potential of T2.

#### 4.3.5 T3:

T3 is a high-quality Category A Oak and will similarly experience a significant geometric incursion into its Root Protection Area. As with T2, the proposed garage is located wholly within an existing gravelled parking area and does not require disturbance of the adjacent bank or other previously undisturbed rooting areas.

The use of screw pile foundations and retention of the existing gravel surface substantially reduces the level of excavation typically associated with development within RPAs. Ground disturbance will be restricted to discrete pile installation points and any significant roots encountered will be retained wherever practicable.

Whilst the proposal represents a notable RPA encroachment in plan form, the low-impact construction methodology significantly reduces the likelihood of substantial root loss. Subject to arboricultural supervision and adherence to the accompanying Arboricultural Method Statement, the impact on T3 is considered acceptable.

#### 4.3.6 H1:

H1 is in direct conflict with the proposed garage footprint and will require removal to facilitate the development.

#### 4.3.7 T4, T5, T6 and T7:

These trees will experience no direct canopy or root protection area impacts. They are to be retained and protected throughout the construction phase in accordance with the Tree Protection Plan and associated method statement.

#### 4.3.8 T8:

There is no direct RPA conflict with the garage footprint. However, the RPA extends into the gravel driveway area to the east. No storage, plant movement, excavation or other construction activity should take place within this area to prevent compaction and root damage.

#### 4.3.9 T9 and T10:

There are no impacts arising from the proposal. The RPAs overlap areas of existing driveway and no additional ground disturbance is proposed within these sections. Both trees are to be retained and protected during construction.

#### 4.3.10 Summary of Arboricultural Impact:

The revised proposal continues to result in notable Root Protection Area encroachment associated with the retained Category A Oak trees T2 and T3. However, the garage has been redesigned to sit wholly within the existing gravelled parking area, avoiding encroachment into the adjacent bank and other previously undisturbed rooting areas.

Whilst the geometric extent of the RPA incursions remains substantial, the proposed construction methodology has been specifically selected to minimise arboricultural impacts. The garage will be supported using a screw pile foundation system supporting the perimeter walls only, with the existing permeable gravel surface retained beneath the structure. Consequently, ground disturbance will be limited to discrete pile installation points rather than extensive excavation associated with conventional foundation systems.

The existing gravelled area has been subject to regular vehicular use for many years and the proposal is not expected to materially increase levels of soil compaction within this already modified rooting environment. Furthermore, pile positions can be adjusted locally where significant roots are encountered, allowing important roots to be retained wherever practicable.

Subject to implementation of the Arboricultural Method Statement, arboricultural supervision of all works within Root Protection Areas, and adherence to the specified tree protection measures, the proposal is considered capable of proceeding without causing unacceptable harm to the long-term health, stability or retention potential of the adjacent retained trees.

## 5. Limitations

- 5.1 ROAVR has prepared this Report for the sole use of the above named Client/Agent in accordance with our terms of business, under which our services were performed. No other warranty, expressed or implied, is made as to the professional advice included in this Report or any other services provided by us.
- 5.2 This Report may not be relied upon by any other party without the prior and express written agreement of ROAVR. The assessments made assume that the land use will continue for their current purpose without significant change. ROAVR has not independently verified information obtained from third parties.
- 5.3 This report, video walkthrough, data tables and raw data remain the copyright of ROAVR until such time as any monies owed are settled in full and the report may be withdrawn at any time.
- 5.4 This report, site visit, plans and conclusions are proportional to the proposals and in some cases a simple plan based impact assessment may be all that is required.
- 5.5 Important - to ensure fair allocation of resources, we allow you ten working days to review the report and issue any feedback, beyond that changes are chargeable.
- 5.6 For references and further information regarding tree survey process visit: <https://www.roavr-group.co.uk/roavr-group/survey/sp-3-arboriculture/>

Should you require any further information, please do not hesitate to contact us at any time.

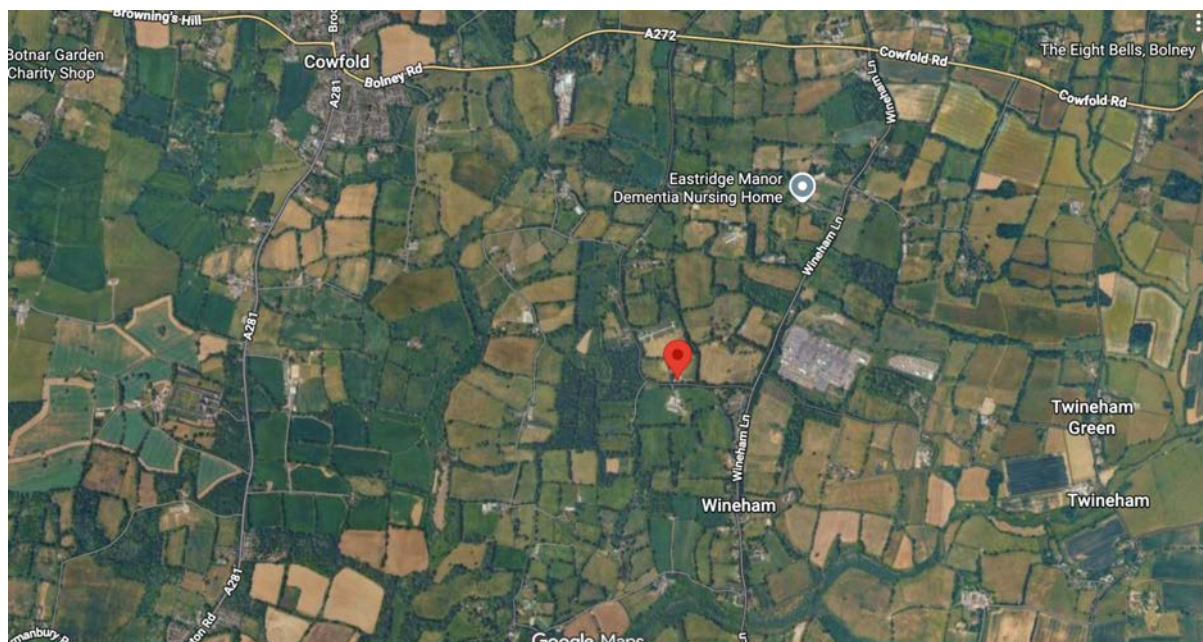
Connor Harmsworth  
Arb Consultant



## C Harmsworth

Prepared by: Connor Harmsworth  
Checked by: Peter Haine

## Appendix 1 – Site Location



Google Maps, 2026

## Appendix 2 – Arboricultural Data Tables

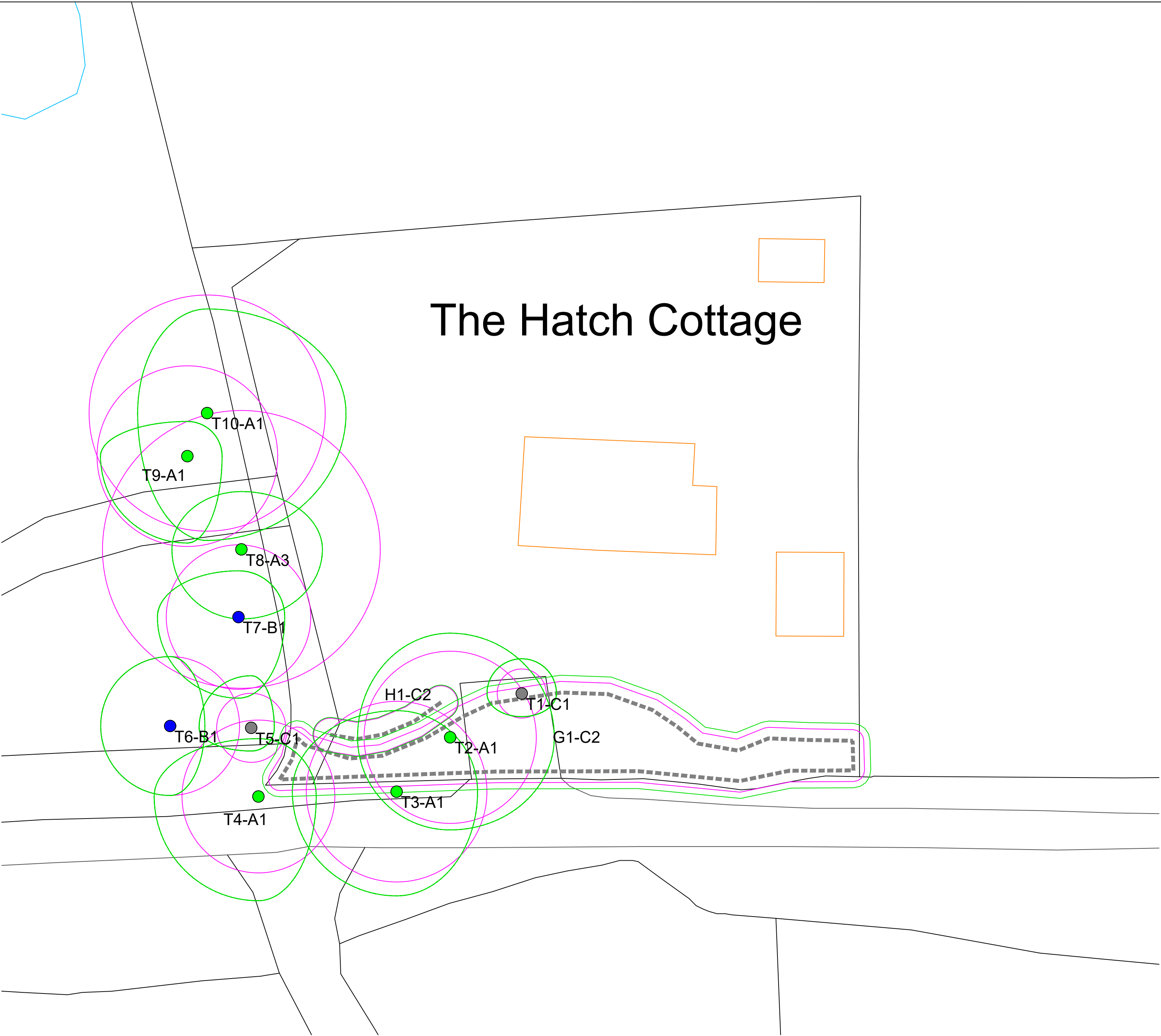
## Key to Arboricultural Data Tables

|                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Tree Number                | Reference no. T1, T2 etc. for trees; H for hedgerows; G for Groups and W for woodlands.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Species                    | Tree species <i>Fagus sylvatica</i> ; <i>Quercus robur</i> - Latin names.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Age Class                  | The estimated age class of the tree (relative to species) Y - Young SM - Semi-mature EM - Early-mature M - Mature OM - Over-mature or V - Veteran                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Height (Crown Height)      | Height of the tree in metres. (Height of the crown above ground level in metres)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Number of Stems            | Number of clear stems above 1.5 metres                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Diameter at Breast Height  | Diameter of stem (mm) at breast height (1.5 metres above ground).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Crown Spread (N, S, E, W)  | The maximum spread of the tree's canopy measured from the stem in four directions (North, East, South, West).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Life Expectancy            | Estimated safe, usable life expectancy.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Physical Description       | Details of tree type, quality, location etc                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Comments                   | Any comments or remarks recorded by the surveyor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Management Recommendations | Recommendations (regardless of the development proposals if available) for removal, retention and/or remedial arboricultural works.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| RPA offset from stem       | Radius of the root protection area measured in metres                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Category Rating            | <p>Tree categorisation based on section 4.5 of BS 5837 (2012) Trees in relation to design, demolition and construction – Recommendations:</p> <p>A – Trees of high quality with an estimated remaining life expectancy of at least 40 years.<br/> B – Trees of moderate quality with an estimated remaining life expectancy of at least 20 years.<br/> C – Trees of low quality with an estimated remaining life expectancy of at least 10 years, or young trees with a stem diameter below 150mm<br/> U – Trees in such a condition that they cannot realistically be retained as living trees in the context of the current land use for longer than 10 years</p> <p>Subcategories:<br/> 1: Mainly arboricultural &amp; aesthetic qualities<br/> 2: Mainly landscape qualities<br/> 3: Mainly cultural values, including conservation</p> |

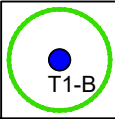
| Tree Number | Species                                                                                        | Age Class | DBH     | Height (crown height) | N   | E   | S   | W   | Condition | Life Expectancy | Physical Description | Comments                                                                                            | Managment Recommendations | RPA offset from stem. | Category Rating |
|-------------|------------------------------------------------------------------------------------------------|-----------|---------|-----------------------|-----|-----|-----|-----|-----------|-----------------|----------------------|-----------------------------------------------------------------------------------------------------|---------------------------|-----------------------|-----------------|
| T1          | <i>Quercus robur</i> (Common Oak)                                                              | SM        | 120,130 | 5(1.5)                | 3   | 3   | 2   | 3   | Fair      | 10+             | None                 | Ivy on tree. Unable to inspect stem due to Ivy. Stem divides below 1.5m. Multiple stems below 1.5m. | None                      | 2.12                  | C1              |
| T2          | <i>Quercus robur</i> (Common Oak)                                                              | M         | 620     | 18(4)                 | 9   | 9   | 8   | 8   | Good      | 40+             | None                 | Ivy on tree. Broken branches in crown.                                                              | None                      | 7.44                  | A1              |
| T3          | <i>Quercus robur</i> (Common Oak)                                                              | M         | 650     | 18(4)                 | 7   | 7   | 9   | 9   | Good      | 40+             | Roadside.            | Ivy on tree. Broken branches in crown.                                                              | None                      | 7.8                   | A1              |
| T4          | <i>Quercus robur</i> (Common Oak)                                                              | M         | 550     | 16(4)                 | 5   | 5   | 9   | 9   | Good      | 40+             | Roadside.            | Ivy on tree. Broken branches in crown.                                                              | None                      | 6.6                   | A1              |
| T5          | <i>Quercus robur</i> (Common Oak)                                                              | SM        | 170,180 | 7(1.5)                | 4.5 | 2   | 2   | 4.5 | Fair      | 10+             | None                 | Ivy on tree. Unable to inspect stem due to Ivy. Stem divides below 1.5m. Multiple stems below 1.5m. | None                      | 2.98                  | C1              |
| T6          | <i>Quercus robur</i> (Common Oak)                                                              | M         | 500     | 16(4)                 | 6   | 3   | 6   | 6   | Good      | 40+             | None                 | Ivy on tree. Unable to inspect stem due to Ivy.                                                     | None                      | 6                     | B1              |
| T7          | <i>Quercus robur</i> (Common Oak)                                                              | M         | 520     | 16(4)                 | 4   | 4   | 7   | 7   | Good      | 40+             | None                 | Dieback in crown. Low bud/leaf density.                                                             | None                      | 6.24                  | B1              |
| T8          | <i>Quercus robur</i> (Common Oak)                                                              | OM        | 1000    | 16(4)                 | 5   | 7   | 6   | 6   | Good      | 40+             | None                 | Dieback in crown. Low bud/leaf density.                                                             | None                      | 12                    | A3              |
| T9          | <i>Quercus robur</i> (Common Oak)                                                              | M         | 650     | 16(4)                 | 3   | 3   | 7.5 | 7.5 | Good      | 40+             | None                 | Ivy on tree.                                                                                        | None                      | 7.8                   | A1              |
| T10         | <i>Quercus robur</i> (Common Oak)                                                              | M         | 850     | 16(4)                 | 9   | 12  | 11  | 6   | Good      | 40+             | None                 | Epicormics on stem.                                                                                 | None                      | 10.2                  | A1              |
| H1          | <i>Chamaecyparis lawsoniana</i> (Lawson Cypress)                                               | SM        | 120     | 4(0.5)                | 1.5 | 1.5 | 1.5 | 1.5 | Fair      | 10+             | None                 | Part of linear group.                                                                               | None                      | 1.44                  | C2              |
| G1          | <i>Prunus</i> ( <i>Prunus</i> species), <i>Betula pendula</i> (Silver Birch), Mixed ornamental | Y         | 80      | 7(1)                  | 1.5 | 1.5 | 1.5 | 1.5 | Fair      | 10+             | Boundary screening.  | None                                                                                                | None                      | 0.96                  | C2              |

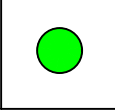
## Appendix 3 – Arboricultural Plans

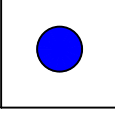
**General Notes**  
Do not scale off drawing - refer to the tree data schedule for accurate crown spread measurements.  
Depictions of tree canopies are based on measurements taken to four cardinal compass points.  
No liability of any kind is accepted for any omissions or inaccuracies in respect of this plan.  
The original of this drawing was produced in colour; a monochrome copy should not be relied upon.  
All rights reserved.

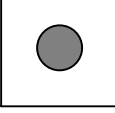


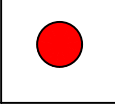
**Key**

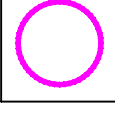
 **Trees**  
Showing Canopy extents, category colour and tag number (with category).

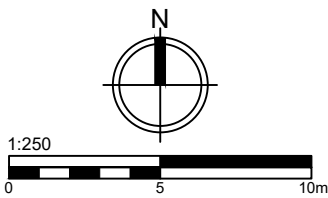
 **Category A**  
Trees of high quality with an estimated remaining life expectancy of at least 40 years.

 **Category B**  
Trees of moderate quality with an estimated remaining life expectancy of at least 20 years.

 **Category C**  
Trees of low quality with an estimated remaining life expectancy of at least 10 years, or young trees with a stem diameter below 150 mm.

 **Category U**  
Trees in such a condition that they can not realistically be retained as living trees in the context of the current land use for longer than 10 years.

 **BS 5837:2012 Root Protection Area**



Drawing Title  
**Tree Constraints Plan**

Client  
Sven Sorenson

Site/Project  
The Hatch Kent Street Cowfold  
Horsham West Sussex.RH13 8BG  
8BG

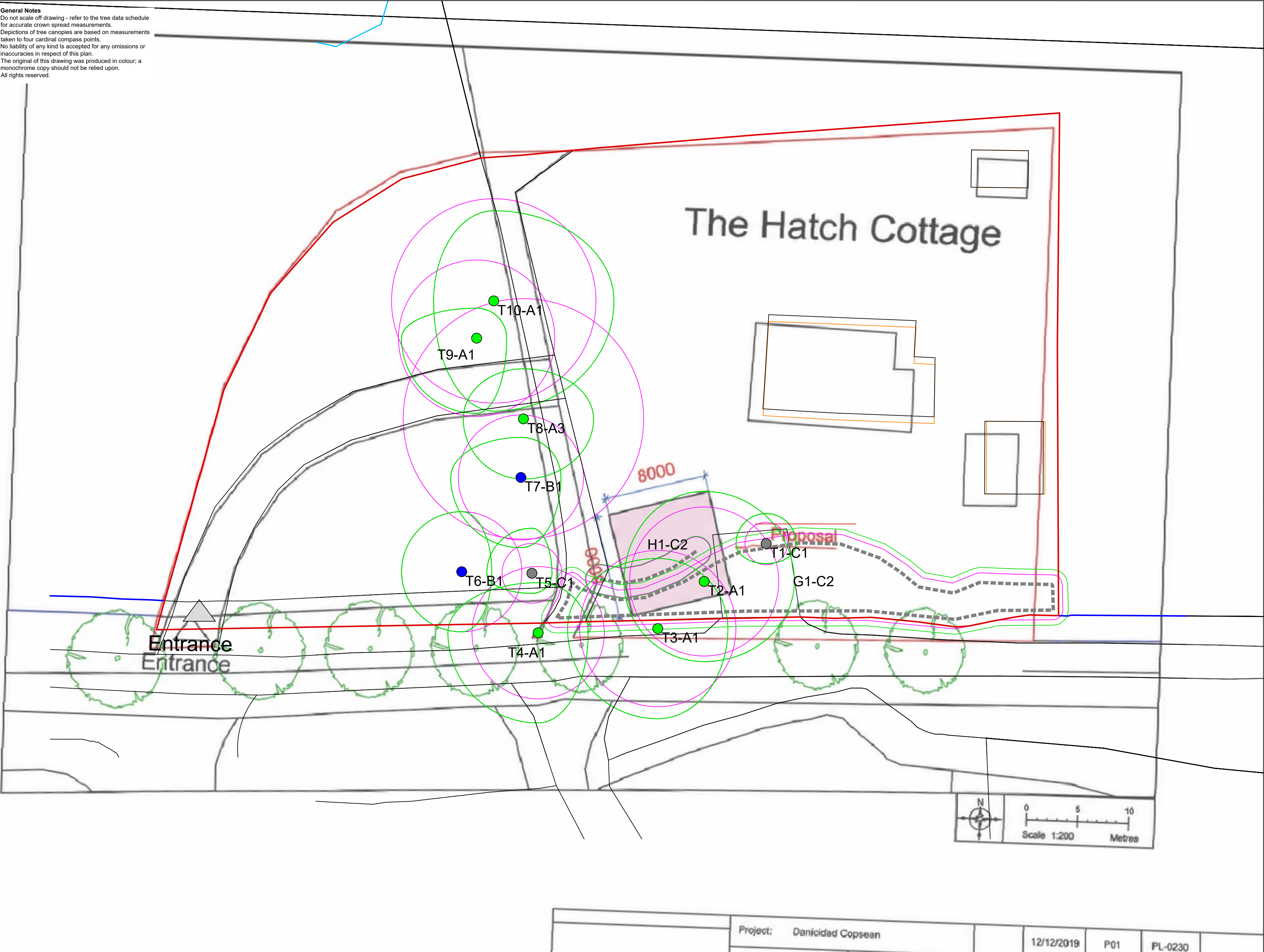
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Date  
13/02/2026

| Drawing No     | Rev | Drawn By | Chkd By |
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ROAVR Group, Marr House  
Beechwood Business Park, Inverness, IV2 3BW  
www.roavr-group.co.uk  
support@roavr-group.co.uk  
01463 667302

**General Notes**  
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**Key**

**Trees**  
Showing Canopy extents, category colour and tag number (with category).

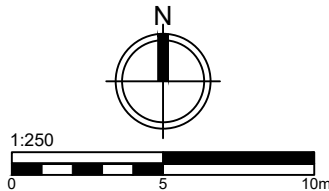
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Trees in such a condition that they can not realistically be retained as living trees in the context of the current land use for longer than 10 years.

**BS 5837:2012 Root Protection Area**



|                                                               |     |            |         |
|---------------------------------------------------------------|-----|------------|---------|
| Drawing Title                                                 |     |            |         |
| Tree Constraints Plan                                         |     |            |         |
| Client                                                        |     |            |         |
| Sven Sorenson                                                 |     |            |         |
| Site/Project                                                  |     |            |         |
| The Hatch Kent Street Cowfold<br>Horsham West Sussex.RH13 8BG |     |            |         |
| Scale/Sheet                                                   |     | Date       |         |
| 1:250 @ A2                                                    |     | 08/06/2026 |         |
| Drawing No                                                    | Rev | Drawn By   | Chkd By |
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Beechwood Business Park, Inverness, IV2 3BW  
www.roavr-group.co.uk  
support@roavr-group.co.uk  
01463 667302

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12/12/2019

P01

PL-0230

## Arboricultural method statement

1. Overview
2. Pre-commencement tree protection
3. Tree removal
4. Foundation design and construction methodology
5. Works within root protection areas
6. Ground protection measures
7. Arboricultural supervision and monitoring
8. Site controls and restrictions
9. Conclusion
10. Limitations

### Appendix 1 – Tree Protection Plan

## Validation Statement for the Local Planning Authority.

This report includes the following for LPA validation purposes:

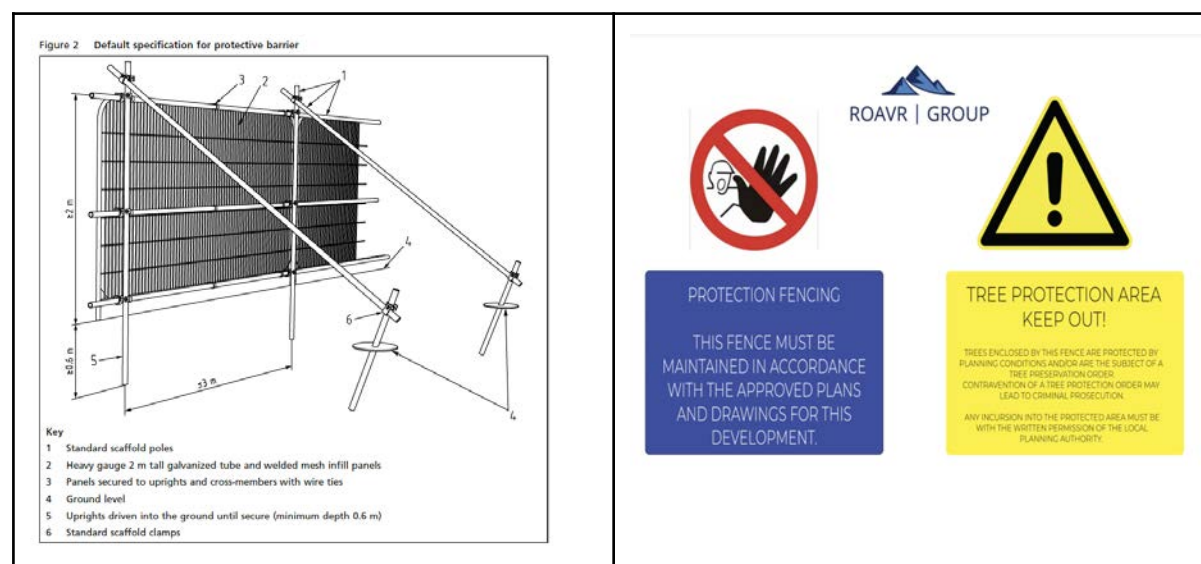
- An **arboricultural method statement** which specifies tree protection measures and implementation strategy
- **Appendices** including the **tree protection plan**

## 1. Overview

This method statement sets out the procedures required to protect retained trees during the construction of the proposed detached garage. All works must comply with BS5837:2012 and be carried out in accordance with the approved Tree Protection Plan. The objective is to allow construction to proceed while safeguarding the health and structural stability of retained trees.

## 2. Pre-commencement tree protection

Prior to any site activity, including demolition, delivery of materials or ground preparation, tree protection fencing must be installed in the locations shown on the Tree Protection Plan. The fencing must comprise weld mesh panels securely braced to a scaffold framework to provide a robust exclusion barrier. Fencing must remain in position for the full duration of the works and must not be moved without written approval. An arboricultural consultant will inspect and confirm correct installation before construction begins.



### 3. Tree removal

H1 is in direct conflict with the proposed garage footprint and will require removal prior to installation of protective fencing. Removal works must be undertaken carefully to avoid damage to adjacent retained trees and their root zones.

| Tree ID | Species                                   | BS5837 Category | Reason for Removal                             | Replacement Requirement                                             |
|---------|-------------------------------------------|-----------------|------------------------------------------------|---------------------------------------------------------------------|
| H1      | Chamaecyparis lawsoniana (Lawson Cypress) | C2              | Direct conflict with proposed garage footprint | Replacement planting to be agreed with the Local Planning Authority |

### 4. Foundation design and construction methodology

The proposed garage has been redesigned to sit wholly within the existing gravelled parking area. No encroachment into the adjacent bank or other previously undisturbed rooting areas is proposed.

The structure will be supported on a screw pile foundation system positioned around the perimeter of the building only. No traditional strip foundations, trench-fill foundations, raft foundations or reinforced concrete slab are proposed.

The existing gravel surface will be retained beneath the building and shall not be excavated other than at individual pile installation locations. This approach significantly reduces the extent of excavation within the Root Protection Areas of adjacent retained trees.

Screw piles will be installed using a low-impact methodology within RPAs. Prior to installation of each pile a probe will be inserted to a minimum depth of 600mm, and the final position adjusted as necessary to avoid significant roots.

No trench foundations or mass excavation will be undertaken.

This construction approach ensures that disturbance to the soil profile is kept to an absolute minimum while allowing the development to proceed.

Prior to pile installation, each pile location shall be hand cleared and inspected. Pile positions may be adjusted locally under arboricultural supervision where significant roots are encountered.

Any roots exceeding 25mm diameter shall be retained wherever practicable. Where root pruning is unavoidable, roots shall be pruned using sharp clean tools to produce a smooth finish and minimise physiological stress.

## 5. Works within root protection areas

The proposed garage results in substantial geometric encroachment into the Root Protection Areas of retained Category A Oak trees T2 and T3. However, the development is located within an existing gravelled parking area that has been subject to long-term vehicular use and historic disturbance.

The objective of the construction methodology is therefore to minimise any additional disturbance to the rooting environment and avoid impacts to previously undisturbed areas beyond the existing gravel footprint.

No excavation shall extend beyond that required for individual pile installation.

No grading, levelling, trenching, retaining wall construction or reduction of the adjacent bank shall take place.

No mechanical excavation equipment shall be used within RPAs unless expressly agreed by the supervising arboriculturist.

Any exposed roots shall be protected from desiccation and mechanical damage throughout the construction process.

For T3 and T1, where minor RPA incursions occur, excavation must also be undertaken by hand with supervision during the initial stages. Any required pruning of T1 to address the approximately 1.0 m canopy conflict to the west must be limited and carried out in accordance with BS3998.

For the northern section of G1, both canopy and RPA conflicts are present. Excavation must be undertaken using hand tools only, avoiding unnecessary root severance. Supervision is required during initial ground disturbance.

T8 has no direct RPA conflict with the garage footprint; however, its RPA extends into the gravel driveway to the east. No construction activity, storage, plant movement or excavation must take place within this section to prevent compaction and root damage.

T9 and T10 experience no additional impacts beyond overlap with existing driveway surfaces. No further ground disturbance is proposed within their RPAs. T4, T5, T6 and T7 are unaffected by the development and must be retained and protected throughout construction.

## 6. Ground protection measures

All construction access routes within RPAs shall utilise the existing gravel surface wherever possible.

No construction vehicles shall enter unprotected soil surfaces within RPAs.

Should temporary access beyond the existing gravel area be required, ground protection shall be installed comprising a geotextile membrane overlain by interlocking cellular ground protection boards capable of distributing imposed loads.



## 7. Arboricultural supervision and monitoring

Arboricultural supervision will be required at key stages, including inspection of protective fencing prior to commencement and supervision of initial works within the RPAs of T1, T2, T3 and G1. A brief written record of each visit will be provided to confirm compliance.

| Visit | Timing                                                         |
|-------|----------------------------------------------------------------|
| 1     | Pre-commencement inspection of fencing and protection measures |
| 2     | Setting out of garage footprint and pile locations             |
| 3     | Supervision of initial pile installation works within RPAs     |

|   |                                                                            |
|---|----------------------------------------------------------------------------|
| 4 | Inspection during foundation installation if significant roots encountered |
| 5 | Final inspection and removal of protection measures                        |

Additional supervision visits may be required should significant roots be encountered during construction or if the approved methodology requires amendment.



Woodland Solutions (Northern) Ltd t/a ROAVR Group  
 The Green House  
 Beechwood Business Park North  
 Inverness  
 IV2 3BL  
 www.roavr-group.co.uk  
 T: 01463 667302

SITE SUPERVISION FORM - ARBORICULTURAL  
CLERK OF WORKS

DATE

CLIENT

TELEPHONE NUMBER

E-MAIL

TERMS AND CONDITIONS FOR THE PROVISION OF ARBORICULTURAL CONSULTANCY

Site:

Inspected by:

Site Manager:

Date of Inspection:

**Tree Protection Fencing.**

Comments/Actions:

**Ground Protection.**

Comments/Actions:

**Additional Comments.**

Remarks:

I am aware of the tree protection requirements for this site and understand no retained trees must be damaged.

Signed:

Dated:

Name:

Company:

## 8. Site controls and restrictions

No storage of materials, fuel, plant or spoil is permitted within fenced RPAs. No alteration of soil levels, discharge of cement washout, lighting attachment or service routing is permitted within RPAs unless agreed in writing. No fires are permitted within 10 m of retained tree canopies.

## 9. Conclusion

Subject to adherence to this method statement and appropriate supervision, the proposed garage can be constructed using a low impact piled foundation system while retaining the majority of existing trees and maintaining their long-term condition and structural stability.

## 10. Limitations

- 10.1 ROAVR has prepared this Report for the sole use of the above named Client/Agent in accordance with our terms of business, under which our services were performed. No other warranty, expressed or implied, is made as to the professional advice included in this Report or any other services provided by us.
- 10.2 This Report may not be relied upon by any other party without the prior and express written agreement of ROAVR. The assessments made assume that the land use will continue for their current purpose without significant change. ROAVR has not independently verified information obtained from third parties.
- 10.3 This report, video walkthrough, data tables and raw data remain the copyright of ROAVR until such time as any monies owed are settled in full and the report may be withdrawn at any time.
- 10.4 This report, site visit, plans and conclusions are proportional to the proposals and in some cases a simple plan based impact assessment may be all that is required.
- 10.5 Important - to ensure fair allocation of resources, we allow you ten working days to review the report and issue any feedback, beyond that changes are chargeable.
- 10.6 For references and further information regarding tree survey process visit: <https://www.roavr-group.co.uk/roavr-group/survey/sp-3-arboriculture/>

Should you require any further information, please do not hesitate to contact us at any time.

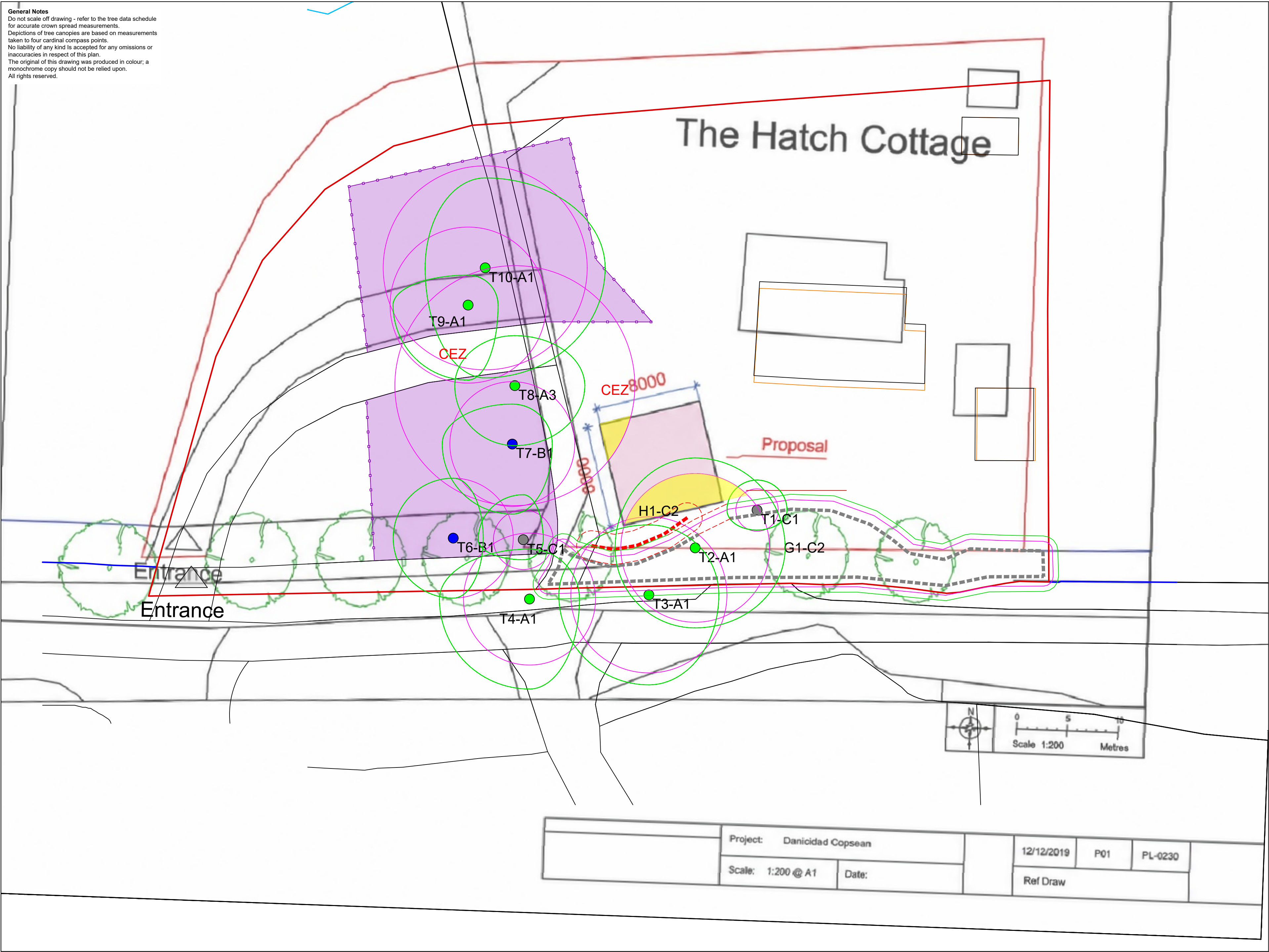
Connor Harmsworth  
Arb Consultant

**C Harmsworth**

Prepared by: Connor Harmsworth  
Checked by: Peter Haine

## Appendix 1 – Tree Protection Plan

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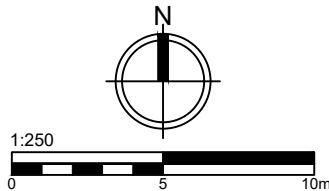
Trees for Removal

Ground Protection/ Restricted Activity Zone

Construction Exclusion Zone

**CEZ** Construction Exclusion Zone

Tree Protective Fencing



|                                                               |            |          |         |
|---------------------------------------------------------------|------------|----------|---------|
| Drawing Title                                                 |            |          |         |
| Tree Protection Plan                                          |            |          |         |
| Client                                                        |            |          |         |
| Sven Sorenson                                                 |            |          |         |
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