



**Elmfield House,  
Petersfinger**

**Arboricultural Report**

In accordance with

**BS5837:2012**

Trees in relation to design, demolition and construction - Recommendations

Including;

**Tree Constraints,  
Arboricultural Impact Assessment**

## 1. SUMMARY

---

### 1.1. Tree Survey

- 1.1.1. The tree survey was carried out to BS5837:2012 on the 4<sup>th</sup> May 2023, a total of 95 individual trees were recorded on the site as well as a number of groups and hedges.
- 1.1.2. There are trees from all categories on site, and a mixture of native and non-native species.

### 1.2. Arboricultural Impact Assessment

- 1.2.1. Tree removals are required as part of this proposal – this is discussed in section 7 and in the tree removal plan at Appendix C.
- 1.2.2. Space has been afforded to mitigate against any losses, including the design and implementation of feature trees and areas.

### 1.3. Tree Protection

- 1.3.1. Tree protection fencing will be a requirement on this site to protect the trees during the works. This is listed in the Tree Protection Plan at Appendix B
- 1.3.2. Additional measures including ground protection and cellular confinement systems are also proposed to ensure the impact on any trees is minimised.

### 1.4. Conclusion

- 1.4.1. The impact of the development to the trees on site is relatively low considering the size of the development. The design and layout has been carefully considered, aiming to utilise the spacing of the existing trees on the site with removals targeted towards the lower quality trees.
- 1.4.2. The proposal would allow for this project to be carried out whilst creating excellent space and opportunity for long-term benefits and a well-designed planting scheme that will ensure a high-quality and attractive community with trees as a key feature.

## 2. CONTENTS

|                                            |    |
|--------------------------------------------|----|
| 1. SUMMARY.....                            | 2  |
| 2. CONTENTS.....                           | 3  |
| 3. REPORT INTRODUCTION .....               | 4  |
| 4. BACKGROUND INFORMATION .....            | 5  |
| 5. TREE SURVEY .....                       | 6  |
| 6. TREE CONSTRAINTS.....                   | 8  |
| 7. ARBORICULTURAL IMPACT ASSESSMENT .....  | 10 |
| 8. REFERENCES .....                        | 12 |
| Appendix A – Tree Survey Data.....         | 13 |
| Appendix B - Tree Protection Plan .....    | 17 |
| Appendix C - Tree Removal Plan .....       | 19 |
| Appendix D – Tree Protection Fencing ..... | 21 |

|                             |                               |
|-----------------------------|-------------------------------|
| Report Date                 | 3 <sup>rd</sup> November 2023 |
| Report Number and Version   | 308423 - Version 1.0          |
| Signed                      |                               |
| Report Author               | Dominic Ridley                |
| Valid for 12 months         |                               |
| Not controlled when printed |                               |

### 3. REPORT INTRODUCTION

---

- 3.1.** Instructions were received from Mr David Thompson to provide an arboricultural report in accordance with the guidance set out in BS5837:2012 *Trees in relation to design, demolition and construction – Recommendations*, for the site at; Elmfield House, Petersfinger; with reference to a proposed planning application.
- 3.2.** To comment on any significant trees on the site, where these may affect or be affected by the proposal.
- 3.3.** To recommend suitable measures to protect any retained trees during the development process
- 3.4.** To recommend on any appropriate mitigation measures following the potential loss of any existing trees.
- 3.5.** The site visit and tree survey was carried out on the 4<sup>th</sup> of May 2023.

#### **4. BACKGROUND INFORMATION**

---

##### **4.1. Purpose of the Report**

- 4.1.1. The purpose of this report is to aid in the decision-making process, with reference to the existing and proposed trees on or adjacent to the site and their impact on the design, demolition and construction of the proposed project.
- 4.1.2. The aim is to achieve a harmonious relationship between trees and structures that can be sustained for the long-term benefits of both the trees and the development.

##### **4.2. The Site**

- 4.2.1. The proposed site is the within the grounds and garden of a large, domestic property.
- 4.2.2. The site surveyed currently consists of a driveway, parking area and a large and multi-area garden with a scattered trees and a group of trees situated within the site and around the perimeter.

##### **4.3. Proposed Development**

- 4.3.1. The proposal involves the construction of multiple new properties and alterations to the existing property to create further dwellings.

##### **4.4. Statutory Protection**

- 4.4.1. One tree on/adjacent to the site is protected by a TPO – (TPO REF: - S/TPO233), a Horse Chestnut (T89).
- 4.4.2. Additionally, a further group off site is protected by the same TPO, although these trees are north of the route of the old canal and outside of the boundary of this development, and should not be affected by the proposal - T96, is discussed at 6.2.5.
- 4.4.3. No other trees on site are covered by any statutory protection, although the status of any protection should still be checked prior to any tree works being carried out to clarify if there was any requirement for notification or application to the local authority at the time of works.

##### **4.5. Reference Documents**

- 4.5.1. The main document referred to in the report is the British Standards Institute publication BS5837:2012 *Trees in relation to design, demolition and construction – Recommendations*. Other documents used in addition to the above can be found in the reference list at section 9.

## 5. TREE SURVEY

---

### 5.1. Survey Data

- 5.1.1. Tree survey data can be found at Appendix A

### 5.2. Survey Methodology and Limitations

- 5.2.1. Trees were visually inspected during the site visit and data was collected in accordance with the requirements of BS5837:2012.
- 5.2.2. All observations were carried out from ground level only, any inspections of the crown of trees (if necessary) were carried out using binoculars.
- 5.2.3. All trees on the site were measured using; a girth tape, field tape measure and hypsometer – heights being measured from the uphill side of the tree.
- 5.2.4. Any trees on neighbouring property or outside of the site boundary that were inaccessible during the site visit have had their measurements estimated. Accuracy was aimed to be maintained by basing these measurements upon those of adjacent measured trees and known structure heights.
- 5.2.5. Only trees with a stem diameter of over 75mm at 1.5m above ground level have been included in this survey.

### 5.3. Soil

- 5.3.1. No on-site assessment of soil characteristics was carried as part of this survey.

#### 5.4. Analysis

5.4.1. 95 individual trees were recorded on the site as well as a number of groups and hedges.

5.4.2. Species surveyed on or adjacent to the site are included in the following table:

Table 1; Tree species on or adjacent to the site

| Common Name        | Scientific Name                     |
|--------------------|-------------------------------------|
| Apple              | <i>Malus domestica</i>              |
| Ash                | <i>Fraxinus excelsior</i>           |
| Bay                | <i>Laurus nobilis</i>               |
| Beech              | <i>Fagus sylvatica</i>              |
| Cherry laurel      | <i>Prunus</i>                       |
| Copper beech       | <i>Fagus sylvatica purpurea</i>     |
| Elm                | <i>Ulmus sp.</i>                    |
| English yew        | <i>Taxus baccata</i>                |
| False acacia       | <i>Robinia pseudoacacia</i>         |
| Hawthorn           | <i>Crataegus monogyna</i>           |
| Hazel              | <i>Corylus avellana</i>             |
| Holly              | <i>Ilex aquifolium</i>              |
| Horse chestnut     | <i>Aesculus hippocastanum</i>       |
| Irish yew          | <i>Taxus baccata 'Fastigiata'</i>   |
| Japanese maple     | <i>Acer sp.</i>                     |
| Magnolia           | <i>Magnolia sp.</i>                 |
| Norway spruce      | <i>Picea abies</i>                  |
| Plum               | <i>Prunus domestica</i>             |
| Portuguese laurel  | <i>Prunus lusitanica</i>            |
| Privet             | <i>Ligustrum vulgare</i>            |
| Red horse chestnut | <i>Aesculus x carnea</i>            |
| Rowan              | <i>Sorbus aucuparia</i>             |
| Scots pine         | <i>Pinus sylvestris</i>             |
| Spindle            | <i>Euonymus europaeus</i>           |
| Sycamore           | <i>Acer pseudoplatanus</i>          |
| Twisted willow     | <i>Salix sp.</i>                    |
| Wedding cake tree  | <i>Cornus controversa</i>           |
| Weeping ash        | <i>Fraxinus excelsior 'pendula'</i> |
| Western red cedar  | <i>Thuja plicata</i>                |

## **6. TREE CONSTRAINTS**

---

### **6.1. Root Protection Areas (RPA)**

- 6.1.1. The Root Protection Areas (RPA's) have been calculated in accordance with the guidance set out in BS5837:2012, and are detailed in the Tree Protection Plan (TPP) located in Appendix B.
- 6.1.2. Where site conditions have had or are likely to have affected rooting morphology, structure or development, such as the proximity of buildings, walls, areas of hard standing or changes in levels in the areas adjacent to the tree, the RPA's may be altered accordingly. Trees where this is likely to be relevant are detailed in the survey data and the Arboricultural Impact Assessment.

### **6.2. Tree Constraints**

- 6.2.1. The plan detailing the above and below ground tree constraints is covered by the TPP at Appendix B, these are based on the measurements taken during the survey and applied to the methodology set out in the document BS5837:2012.
- 6.2.2. The proposed new road(s) through the site enter from the existing access point and have been proposed to follow a route through the development that allows for the most suitable trees to be retained and the properties to be sited in locations that work well within the site but also affording as much appropriate space for the better specimen trees.
- 6.2.3. The existing bridge that crosses the old dry watercourse requires replacing and this has also been situated to afford space to the better quality trees and remove those that are poor quality, in particular T53, a Copper Beech, which is aimed to have as minimal encroachment into the RPA as practicable..
- 6.2.4. The layout and design of Plot 10, is aimed to take account of the RPA of T53, siting the garage and non-living spaces to the north of this property mean that the view of the tree as one enters the site will be visible and the tree can be adequately protected during the construction phase of the development.
- 6.2.5. Plots 2-9 have little impact on the existing tree cover, the rear of Plot 2 shows a minor encroachment into the RPA of the protected tree T96 – however, it is likely that the rooting morphology of this tree does not realistically extend into the area to the south of the old canal.
- 6.2.6. T89, has again been carefully considered. The location of the pumping station is aimed to be at the topographically lowest point on the site, but has been positioned to ensure that the station is well outside of the trees RPA and that there is no requirement for any services

running to this apparatus to be with the proximity of the tree, only a very minor encroachment into the RPA has been included for the turning head of the road, but this will be protected by way of a cellular confinement system. There will then be no further need for any plant or vehicles crossing the RPA for the running or maintenance of the unit.

- 6.2.7. The tree line that runs along the boundary with the A36 was also deemed as a useful feature for reducing the impact of traffic noise and to soften the surroundings of the site from an aesthetic perspective. The properties have all been situated to take advantage of this existing boundary screen and so are positioned as far as practicable outside of these trees' RPA. The properties are all understood to be constructed on piled foundations, so any encroachment into an RPA, will be low impact.
- 6.2.8. Some encroachment into the RPA's is required to facilitate the installation of the parking area but the use of cellular confinement system is proposed in this section and will be utilised to protect these trees both during the construction phase but also for the longevity of the protection of these trees post development.
- 6.2.9. The majority of the tree removals are in the area where plots 10-12 are located, most of these removals are for category C1 trees, the majority of these are either small and easily replaced or in poor condition and would require removal or major works from an arboricultural perspective regardless of development.
- 6.2.10. In this area - there are a only 2 category B trees (both Yew) that are listed and one Beech which has been listed as a category A – this tree in particular is in the early stages of maturity and it was felt that the removal of this tree could be justified to afford for a larger area of green space to the north-east side of the road in front of these properties – whereby an attractive line of tree planting is proposed.
- 6.2.11. Additional planting of the area between plots 6-8 and 11 and 12 is proposed, and is aimed to consist of high value amenity species to increase the long term benefits of the site and mitigate against the losses of the lower quality trees removed from the adjacent area, whilst providing a pleasant and natural screen between the two areas of housing.
- 6.2.12. Future pressures on the existing tree stock is considered to be limited, the careful layout and proposed design has taken account of the trees early in the process, to ensure that the best quality trees can be retained and these trees are afforded comfortable space to ensure that they are an asset to the proposed development and make for interesting and pleasing features that add greatly to the value of the site and the feeling of a mature and well established site.

## **7. ARBORICULTURAL IMPACT ASSESSMENT**

---

### **7.1. Tree Removal Plan**

- 7.1.1. A tree removal plan is included at Appendix C.

### **7.2. Discussion**

- 7.2.1. A number of tree removals are listed to facilitate the development, these are listed in the TPP and the survey data (appendix A).
- 7.2.2. With respect to the points raised in section 6. These removals have been carefully considered and have helped to shape the design of the site rather than occurring because of the proposed layout.
- 7.2.3. Poorer quality specimens, non-native and younger trees have been the focus of the removal plan, with any higher-category trees only noted for removal where overriding additional potential benefits can be justified elsewhere within the site.
- 7.2.4. Mitigation and new planting has been a core part of the design of the development and serves to improve the existing tree stock for the long term. The proposals to instal and avenue type effect on the new route into site will provide an attractive and pleasant feel to the site, this will aid to set the tone of the development as a sustainable and attractive location.
- 7.2.5. The existing retained mature trees are planned to be protected by tree protection fencing during the construction phase.
- 7.2.6. Additionally, ground protection will be utilised to protect trees in a number of areas during the construction phase, around Plots 2, 10 and 12.
- 7.2.7. Cellular confinement systems are also planned to be utilized around T89 and T92 as well as T7 - T26. This will serve to protect the trees both during the construction phase and post completion.
- 7.2.8. Buried services and infrastructure will be routed to avoid the existing tree stock any specific information relating to this will be discussed further with an Arboricultural Method Statement.

### **7.3. Conclusion**

- 7.3.1. The proposal will of course have some effect on the existing tree stock. However, the trees at the location at present are a mixture of species, of varying degrees of condition, including a number that are declining or planted in a haphazard manner without a long term vision or plan for their future growth.
- 7.3.2. The proposal will serve to provide a number of family homes, at a location that will aim to enhance the current site by way of new planting and also allow for visibility and appreciation of trees that are currently unavailable to anyone except for the existing owner.
- 7.3.3. Key trees and groups of trees have been well considered and protected within the proposal and interesting and attractive new trees will be included to improve the site for both people and wildlife.
- 7.3.4. Providing appropriate measures are taken to protect the trees as listed in this document, the development could be incorporated into the site with a relatively low impact on the existing tree cover.
- 7.3.5. It was deemed that the site presents an opportunity to provide a much needed, well considered and well-designed development close to good transport links (both public and private), which from an arboricultural perspective provides an opportunity to develop a site that has space, maturity and potential to create a long-term pleasant community for the inhabitants to live.

## 8. REFERENCES

---

AAIS – Through the Trees to Development. APN12

BS3998:2010 *Tree Work – Recommendations*

BS5837:2012 *Trees in relation to design, demolition and construction – Recommendations*,

Lonsdale, D. (1999). *Principles of Tree Hazard Assessment and Management*  
TSO, Norwich

Lonsdale, D. (ed.) (2013) *Ancient and Other Veteran Trees: further guidance on management*.  
The Tree Council, London

Mattheck, C. and Breloer, H. (2006) *'The Body Language of Trees'*  
TSO, Norwich

National Tree Safety Group (NTSG) (2011). *Common Sense Risk Management of Trees*. Forestry  
Commission, Edinburgh

NJUG Guidelines for The Planning, Installation And Maintenance Of Utility Apparatus In Proximity  
To Trees

Read, H (2000) - *Veteran Trees: A guide to good management*  
English Nature

Slater, D (2016). *Assessment of Tree Forks. Junctions in Trees: Assessment of Junctions for Risk  
Management*. Arboricultural Association, Gloucestershire

Strouts, R.G. and Winter, T.G. (1994). *Diagnosis of Ill-Health in Trees*.  
TSO, Norwich

UK Soil Observatory (UKSO)  
Cranfield University 2017. The Soils Guide. Available: [www.landis.org.uk](http://www.landis.org.uk). Cranfield University, UK.  
[www.ukso.org/maps.html](http://www.ukso.org/maps.html)

## **Appendix A – Tree Survey Data**

**Notes for Tree Survey Data sheet:**

| Column Headings                    | Definition                                                                                                                                                                                                                                                                                                                                          |
|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Ref. Number                        | Tree (T#), Group (G#) or Hedge (H#) Number                                                                                                                                                                                                                                                                                                          |
| Tree Species                       | Tree species<br>( <i>scientific name</i> )                                                                                                                                                                                                                                                                                                          |
| Height (m)                         | Total tree height in metres; '*' denotes estimated value                                                                                                                                                                                                                                                                                            |
| Stem Ø @1.5m (mm)                  | Stem diameter in mm, either multi-stemmed tree, or single stem tree                                                                                                                                                                                                                                                                                 |
| No. of Stems                       | Number of stems at 1.5m above ground level                                                                                                                                                                                                                                                                                                          |
| Crown Spread Radius in m           | Crown radius spread in metres measured at the four cardinal points                                                                                                                                                                                                                                                                                  |
| RPA Radius (m)                     | Root protection area radius in metres as measured from the centre of the tree                                                                                                                                                                                                                                                                       |
| Existing height above ground level | First branch height in metres and direction of growth; canopy clearance height in metres                                                                                                                                                                                                                                                            |
| Height First Branch (m)            | Height of first main branch and direction of growth                                                                                                                                                                                                                                                                                                 |
| Age Class                          | Categorised age class;<br>NP Newly planted<br>Y Young<br>SM Semi mature; in the first third or normal life expectancy<br>M Mature; in the middle third or normal life expectancy<br>OM Over Mature; in the final third or normal life expectancy<br>V Veteran; a tree showing signs of veteran features (not necessarily a very old tree)<br>D Dead |
| General Observations               | Structural / Physiological condition; Comments relating to structural or physiological observations<br>Preliminary Management Recommendations; any proposed or required remedial works                                                                                                                                                              |
| ULE (YEARS)                        | Useful life expectancy remaining estimated in years<br><10 Less than 10 years<br>10+ Between 10 and 20 years<br>20+ Between 20 and 40 years<br>40+ Over 40 years                                                                                                                                                                                    |
| Category Grading                   | Tree category as per cascade chart below                                                                                                                                                                                                                                                                                                            |
| RPA Area (m <sup>2</sup> )         | Total root protection area in metres squared                                                                                                                                                                                                                                                                                                        |

## Tree Schedule

Site: Elmfield House, Salisbury

Date of Survey: 4th May 2023

| Tree Number | Tree Species | Height (m) | Number of Stems | Stem Ø (cm) | N - Radius (m) | S - Radius (m) | E - Radius (m) | W - Radius (m) | Age Class | Overall Health | ULE (Years) | Tree Structural Condition & Site Notes                                                                                            | Recommended Management         | Category |
|-------------|--------------|------------|-----------------|-------------|----------------|----------------|----------------|----------------|-----------|----------------|-------------|-----------------------------------------------------------------------------------------------------------------------------------|--------------------------------|----------|
| T1          | Magnolia     | 4          | 2               | 9.4         | 2              | 1.5            | 1.5            | 1.5            | EM        | G              | 20+         | A small garden tree. Crown leans north.                                                                                           | No action required at present. | C1       |
| T2          | Bay          | 3          | MS              | 25          | 2              | 0              | 3.5            | 3.5            | M         | G              | 20+         | Multi-stemmed from base. Suppressed crown.                                                                                        | No action required at present. | C2       |
| T3          | English yew  | 10         | 1               | 46          | 6              | 3              | 6              | 5              | M         | G              | 40+         | No obvious significant defects.                                                                                                   | No action required at present. | B1       |
| T4          | English yew  | 11         | 2               | 50          | 2              | 6              | 6              | 5.5            | M         | G              | 40+         | No obvious significant defects.                                                                                                   | No action required at present. | B1       |
| T5          | Rowan        | 7          | 3               | 12          | 2.5            | 2.5            | 2.5            | 2.5            | EM        | G              | 20+         | Past crown lift. No obvious significant defects.                                                                                  | No action required at present. | C1       |
| T6          | English yew  | 16         | 1               | 77          | 5              | 6              | 6              | 4              | M         | G              | 40+         | Small wound at base. Past crown lift. No obvious significant defects.                                                             | Fell to ground level.          | B2       |
| T7          | English yew  | 8          | 1               | 20          | 4.5            | 1              | 2              | 2              | EM        | G              | 40+         | Slight trunk lean to the north.<br>This tree provides natural screening from the road.                                            | No action required at present. | B2       |
| T8          | English yew  | 10         | 1               | 35          | 4.5            | 4.5            | 4.5            | 4.5            | M         | G              | 40+         | Past crown lift. No obvious significant defects.<br>This tree provides natural screening from the road.                           | No action required at present. | B2       |
| T9          | English yew  | 10         | 1               | 21          | 3              | 2              | 1              | 2              | EM        | G              | 40+         | No obvious significant defects.<br>This tree provides natural screening from the road.                                            | No action required at present. | B2       |
| T10         | English yew  | 10         | 1               | 37          | 5              | 4              | 4              | 4              | M         | G              | 40+         | No obvious significant defects.<br>This tree provides natural screening from the road.                                            | No action required at present. | B2       |
| T11         | Holly        | 11         | 1               | 36          | 3.5            | 4              | 3              | 2              | M         | G              | 40+         | Slight trunk lean to the south.<br>This tree provides natural screening from the road.                                            | No action required at present. | B2       |
| T12         | English yew  | 13         | 1               | 53          | 6.5            | 6.5            | 5              | 5              | M         | G              | 40+         | A dominant tree within this group of yews. No obvious significant defects.<br>This tree provides natural screening from the road. | No action required at present. | B2       |
| T13         | English yew  | 11         | 2               | 46          | 6              | 5              | 3              | 4              | M         | G              | 40+         | Two stems extend from base.<br>This tree provides natural screening from the road.                                                | No action required at present. | B2       |
| T14         | English yew  | 9          | 1               | 21          | 5              | 5              | 5              | 5              | M         | G              | 40+         | Symmetrical crown.<br>This tree provides natural screening from the road.                                                         | No action required at present. | B2       |
| T15         | English yew  | 13         | 1               | 48          | 5              | 5              | 4              | 5              | M         | G              | 40+         | Past crown lift. No obvious significant defects.<br>This tree provides natural screening from the road.                           | No action required at present. | B2       |

A key explaining each category is provided at the rear of the schedule

| Tree Number | Tree Species      | Height (m) | Number of Stems | Stem Ø (cm) | N - Radius (m) | S - Radius (m) | E - Radius (m) | W - Radius (m) | Age Class | Overall Health | ULE (Years) | Tree Structural Condition & Site Notes                                                 | Recommended Management         | Category |
|-------------|-------------------|------------|-----------------|-------------|----------------|----------------|----------------|----------------|-----------|----------------|-------------|----------------------------------------------------------------------------------------|--------------------------------|----------|
| T16         | Western red cedar | 16         | 1               | 51          | 6.5            | 2              | 5              | 5              | M         | G              | 40+         | Slight trunk lean to the north.<br>This tree provides natural screening from the road. | Fell to ground level.          | B2       |
| T17         | False acacia      | 23         | 1               | 75          | 7.5            | 7.5            | 1              | 10             | FM        | G              | 20+         | Asymmetric crown due to a companion tree recently felled.<br>Past crown lift.          | Fell to ground level.          | C1       |
| T18         | English yew       | 4          | 1               | 10          | 3              | 0              | 1              | 0              | EM        | G              | 40+         | Suppressed crown.<br>This tree provides natural screening from the road.               | Fell to ground level.          | C2       |
| T19         | Twisted willow    | 8          | 1               | 19          | 4.5            | 0              | 1              | 4.5            | EM        | G              | 20+         | Suppressed crown.                                                                      | Fell to ground level.          | C2       |
| T20         | English yew       | 12         | 1               | 35          | 4              | 4              | 4.5            | 4              | M         | G              | 40+         | No obvious significant defects.<br>This tree provides natural screening from the road. | No action required at present. | B2       |
| T21         | English yew       | 12         | 1               | 20          | 5              | 2              | 4              | 2              | EM        | G              | 40+         | No obvious significant defects.<br>This tree provides natural screening from the road. | No action required at present. | B2       |
| T22         | English yew       | 12         | 1               | 29          | 5              | 4.5            | 4.5            | 4.5            | M         | G              | 40+         | No obvious significant defects.<br>This tree provides natural screening from the road. | No action required at present. | B2       |
| T23         | English yew       | 12         | 1               | 38          | 3              | 3              | 4.5            | 4              | M         | G              | 40+         | No obvious significant defects.<br>This tree provides natural screening from the road. | No action required at present. | B2       |
| T24         | English yew       | 4          | 2               | 8.5         | 2              | 1              | 1.5            | 1.5            | SM        | G              | 40+         | A small yew north of the yew group.                                                    | Fell to ground level.          | C1       |
| T25         | Scots pine        | 18         | 1               | 38          | 4              | 3              | 1              | 4              | M         | G              | 40+         | No obvious significant defects.<br>This tree provides natural screening from the road. | No action required at present. | B1       |
| T26         | English yew       | 11         | 1               | 27          | 4              | 2              | 3              | 3              | M         | G              | 40+         | Crown extends north.<br>This tree provides natural screening from the road.            | No action required at present. | B2       |
| T27         | English yew       | 9          | 1               | 18          | 4              | 4              | 3              | 3              | M         | G              | 40+         | No obvious significant defects.<br>This tree provides natural screening from the road. | No action required at present. | B2       |
| T28         | English yew       | 13         | 1               | 28          | 6.5            | 4              | 3              | 5              | M         | G              | 40+         | Crown extends north.<br>This tree provides natural screening from the road.            | No action required at present. | B2       |
| T29         | Sycamore          | 7          | 1               | 6.5         | 2              | 0              | 2              | 1              | SM        | G              | 40+         | A self-sown tree.                                                                      | Fell to ground level.          | C2       |
| T30         | Norway spruce     | 20         | 1               | 40          | 6              | 5              | 6              | 4              | M         | F              | 20+         | Three stems extend from 5m. Poor form.<br>Little aesthetic value.                      | Fell to ground level.          | C2       |
| T31         | English yew       | 3          | 1               | 15          | 3              | 0              | 2              | 1              | EM        | G              | 20+         | Suppressed crown.<br>Little aesthetic value.                                           | Fell to ground level.          | C2       |
| T32         | Horse chestnut    | 15         | 1               | 74          | 5              | 6              | 6              | 8              | M         | G              | 40+         | Past crown lift. No obvious significant defects.                                       | No action required at present. | B2       |

A key explaining each category is provided at the rear of the schedule

| Tree Number | Tree Species   | Height (m) | Number of Stems | Stem Ø (cm) | N - Radius (m) | S - Radius (m) | E - Radius (m) | W - Radius (m) | Age Class | Overall Health | ULE (Years) | Tree Structural Condition & Site Notes                                                     | Recommended Management         | Category |
|-------------|----------------|------------|-----------------|-------------|----------------|----------------|----------------|----------------|-----------|----------------|-------------|--------------------------------------------------------------------------------------------|--------------------------------|----------|
| T33         | English yew    | 13         | 1               | 77          | 7.5            | 4              | 7              | 7              | M         | G              | 40+         | Low crown to north.                                                                        | Fell to ground level.          | B2       |
| T34         | Beech          | 19         | 1               | 43          | 7              | 7              | 6              | 7              | M         | G              | 40+         | Crown extends away from the yew. Arboreal ivy. An attractive specimen.                     | Fell to ground level.          | A1       |
| T35         | Irish yew      | 6          | MS              | 20          | 2              | 4              | 3.5            | 2              | EM        | G              | 20+         | Multi-stemmed from base. Suppressed crown.                                                 | No action required at present. | C1       |
| T36         | English yew    | 13         | 1               | 39          | 5              | 4.5            | 2              | 6              | M         | G              | 40+         | Trunk leans west over the water.                                                           | No action required at present. | B2       |
| T37         | English yew    | 9          | 1               | 25          | 0              | 4              | 5              | 0              | EM        | G              | 40+         | Trunk leans east.                                                                          | Fell to ground level.          | C2       |
| T38         | English yew    | 12         | 1               | 43          | 6.5            | 5              | 3              | 4              | M         | G              | 40+         | No obvious significant defects.                                                            | Fell to ground level.          | B2       |
| T39         | Horse chestnut | 5          | 1               | 37          | 3              | 3              | 3              | 3              | EM        | G              | 20+         | Once pollarded to 3m but since re-grown. Little aesthetic value.                           | Fell to ground level.          | C1       |
| T40         | Horse chestnut | 8          | 1               | 40          | 3.5            | 3              | 2              | 2              | M         | G              | 20+         | Once pollarded to 3m but since re-grown. Little aesthetic value.                           | Fell to ground level.          | C1       |
| T41         | Horse chestnut | 7          | 1               | 30          | 3              | 2              | 3              | 0.5            | EM        | G              | 20+         | Once pollarded to 3m but since re-grown. Little aesthetic value.                           | Fell to ground level.          | C1       |
| T42         | Apple          | 6          | 1               | 24          | 3.5            | 3.5            | 4              | 1              | M         | G              | 20+         | Crown extends east.                                                                        | Fell to ground level.          | C1       |
| T43         | Apple          | 2          | 1               | 8           | 1.5            | 1.5            | 1.5            | 1.5            | SM        | G              | 20+         | A small apple in an open area. No sign of past management.                                 | Fell to ground level.          | C1       |
| T44         | Plum           | 2          | 1               | 8           | 1.5            | 1.5            | 1.5            | 1.5            | SM        | G              | 20+         | A small plum in an open area. No sign of past management.                                  | Fell to ground level.          | C1       |
| T45         | Apple          | 2          | 1               | 8           | 1.5            | 1.5            | 1.5            | 1.5            | SM        | G              | 20+         | A small apple in an open area. Past pruning evident.                                       | Fell to ground level.          | C1       |
| T46         | Plum           | 2          | 1               | 9           | 1.5            | 1.5            | 1.5            | 1.5            | SM        | G              | 20+         | A small plum in an open area. Past pruning evident.                                        | Fell to ground level.          | C1       |
| T47         | Plum           | 2          | 1               | 9           | 1.5            | 1.5            | 1.5            | 1.5            | SM        | G              | 20+         | A small plum in an open area. Past pruning evident.                                        | Fell to ground level.          | C1       |
| T48         | Hawthorn       | 5          | 1               | 13          | 0.5            | 2              | 1              | 1.5            | EM        | F              | 20+         | This tree appears to have been swamped by brambles until recently. Little aesthetic value. | Fell to ground level.          | C2       |
| T49         | Sycamore       | 5          | 1               | 8           | 0.5            | 0.5            | 0.5            | 0.5            | SM        | G              | 20+         | A self-sown tree.                                                                          | Fell to ground level.          | C2       |
| T50         | Sycamore       | 5          | 1               | 8           | 0.5            | 0.5            | 0.5            | 0.5            | SM        | G              | 20+         | A self-sown tree.                                                                          | Fell to ground level.          | C2       |
| T51         | Irish yew      | 8          | MS              | 17          | 2              | 1              | 1.5            | 1.5            | EM        | F              | 20+         | Multi-stemmed from base. Suppressed crown.                                                 | No action required at present. | C2       |
| T52         | Spindle        | 6          | 3               | 17          | 3              | 2              | 5              | 0              | M         | F              | 20+         | Asymmetric crown.                                                                          | No action required at present. | C2       |

A key explaining each category is provided at the rear of the schedule

| Tree Number | Tree Species       | Height (m) | Number of Stems | Stem Ø (cm) | N - Radius (m) | S - Radius (m) | E - Radius (m) | W - Radius (m) | Age Class | Overall Health | ULE (Years) | Tree Structural Condition & Site Notes                                                                          | Recommended Management         | Category |
|-------------|--------------------|------------|-----------------|-------------|----------------|----------------|----------------|----------------|-----------|----------------|-------------|-----------------------------------------------------------------------------------------------------------------|--------------------------------|----------|
| T53         | Copper beech       | 20         | 1               | 83          | 7              | 9              | 10             | 10             | M         | G              | 40+         | A prominent tree with no obvious significant defects. Past crown lift.<br>An attractive specimen.               | No action required at present. | A1       |
| T54         | Weeping ash        | 13         | 1               | 55          | 6              | 5              | 4              | 6              | M         | D              | <10         | Numerous woodpecker holes in the trunk. Fruiting body of <i>Innonotus hispidus</i> at 6m. A standing dead tree. | Fell to ground level.          | U        |
| T55         | Elm                | 9          | 2               | 14          | 2.5            | 2.5            | 2.5            | 2.5            | EM        | D              | <10         | A standing dead tree.                                                                                           | Fell to ground level.          | U        |
| T56         | English yew        | 4          | 1               | 13          | 2              | 3              | 2              | 2              | EM        | G              | 40+         | No obvious significant defects.                                                                                 | No action required at present. | C2       |
| T57         | Apple              | 6          | 1               | 16          | 2              | 3.5            | 5              | 1              | M         | G              | 40+         | Asymmetric crown.                                                                                               | No action required at present. | C1       |
| T58         | Hazel              | 6          | MS              | 25          | 2.5            | 2.5            | 2.5            | 2.5            | M         | G              | 20+         | No obvious significant defects.                                                                                 | Fell to ground level.          | C1       |
| T59         | Apple              | 5          | 2               | 16          | 1              | 3              | 3              | 2              | M         | G              | 20+         | Two stems extend from base.                                                                                     | Fell to ground level.          | C1       |
| T60         | Apple              | 5          | 1               | 26          | 0              | 4.5            | 1              | 1.5            | M         | G              | 20+         | Heavy trunk lean to the south.                                                                                  | Fell to ground level.          | C1       |
| T61         | Apple              | 5          | 1               | 19          | 2              | 3              | 2.5            | 2.5            | M         | G              | 20+         | No obvious significant defects.                                                                                 | Fell to ground level.          | C1       |
| T62         | Red horse chestnut | 16         | 1               | 83          | 7.5            | 7              | 7              | 7              | M         | F              | 20+         | Basal decay. Two stems extend from 3m. Crown dieback.<br>Asymmetric crown. Past height reduction.               | Fell to ground level.          | C1       |
| T63         | Apple              | 7          | 1               | 37          | 4.5            | 4              | 3              | 4              | M         | F              | 20+         | Basal decay. Hollow trunk. Past major height reduction but it has since re-grown.                               | Fell to ground level.          | C1       |
| T64         | Ash                | 1          | 1               | 75          | 0              | 0              | 0              | 0              | M         | D              | <10         | A high stump.                                                                                                   | Fell to ground level.          | U        |
| T65         | Hazel              | 6          | MS              | 29          | 3              | 3              | 3              | 3              | M         | G              | 20+         | An old hazel stool which has been crown lifted.                                                                 | Fell to ground level.          | C1       |
| T66         | Hazel              | 7          | MS              | 29          | 3              | 3              | 3              | 3              | M         | G              | 20+         | An old hazel stool which has been crown lifted.                                                                 | Fell to ground level.          | C1       |
| T67         | Hazel              | 8          | MS              | 29          | 3              | 3              | 3              | 3              | M         | G              | 20+         | An old hazel stool which has been crown lifted.                                                                 | Fell to ground level.          | C1       |
| T68         | Holly              | 8          | 1               | 30          | 3              | 3              | 2              | 4              | M         | G              | 20+         | No obvious significant defects.<br>Little aesthetic value.                                                      | Fell to ground level.          | C1       |
| T69         | English yew        | 2          | 1               | 15          | 1              | 1              | 1              | 1              | EM        | G              | 20+         | A small yew which has been trimmed into a formative box shape.                                                  | Fell to ground level.          | C1       |
| T70         | Apple              | 2          | 1               | 7           | 0.5            | 0.5            | 0.5            | 0.5            | SM        | G              | 20+         | A recently planted tree.                                                                                        | Fell to ground level.          | C1       |
| T71         | Apple              | 4          | 1               | 9           | 1              | 2              | 0.5            | 3              | EM        | G              | 20+         | Asymmetric crown.                                                                                               | Fell to ground level.          | C1       |
| T72         | Cherry laurel      | 6          | 5               | 22          | 6              | 4              | 4              | 4              | M         | G              | 20+         | An over-grown shrub.                                                                                            | Fell to ground level.          | C1       |

A key explaining each category is provided at the rear of the schedule

| Tree Number | Tree Species      | Height (m) | Number of Stems | Stem Ø (cm) | N - Radius (m) | S - Radius (m) | E - Radius (m) | W - Radius (m) | Age Class | Overall Health | ULE (Years) | Tree Structural Condition & Site Notes                                                 | Recommended Management         | Category |
|-------------|-------------------|------------|-----------------|-------------|----------------|----------------|----------------|----------------|-----------|----------------|-------------|----------------------------------------------------------------------------------------|--------------------------------|----------|
| T73         | English yew       | 10         | 1               | 48          | 5              | 5              | 6              | 5              | M         | G              | 40+         | Symmetrical crown.                                                                     | Fell to ground level.          | B1       |
| T74         | Wedding cake tree | 4          | 2               | 14          | 2              | 2              | 2              | 2              | EM        | G              | 20+         | Symmetrical crown.                                                                     | No action required at present. | C1       |
| T75         | English yew       | 8          | 1               | 59          | 3              | 5.5            | 5              | 5              | M         | G              | 40+         | Past crown reduction. No obvious significant defects. Retaining wall to north.         | Fell to ground level.          | B1       |
| T76         | Japanese maple    | 2          | 3               | 7           | 1              | 1              | 1              | 1              | SM        | G              | 20+         | No obvious significant defects.                                                        | Fell to ground level.          | C1       |
| T77         | Sycamore          | 17         | 1               | 45          | 5.5            | 4.5            | 5.5            | 5.5            | M         | G              | 20+         | Past crown lift. No obvious significant defects. Pole stay has been tied to the trunk. | Fell to ground level.          | C2       |
| T78         | Portuguese laurel | 2          | 1               | 8           | 2.5            | 0              | 1              | 0.5            | EM        | P              | <10         | Remnants of a larger shrub. Extends north over the fence.                              | Fell to ground level.          | U        |
| T79         | Elm               | 2          | 1               | 8           | 0              | 3              | 0              | 2              | EM        | P              | <10         | Suppressed crown.                                                                      | Fell to ground level.          | U        |
| T80         | Hawthorn          | 4          | 1               | 12          | 2.5            | 1              | 1.5            | 1.5            | M         | F              | 10+         | Prolific arboreal ivy.                                                                 | Fell to ground level.          | C2       |
| T81         | Privet            | 5          | MS              | 20          | 3              | 1              | 2              | 2              | M         | F              | 10+         | An over-grown shrub.                                                                   | No action required at present. | C2       |
| T82         | Holly             | 5          | 1               | 32          | 3              | 2              | 2              | 2              | EM        | G              | 20+         | Suppressed crown.                                                                      | No action required at present. | C2       |
| T83         | Sycamore          | 19         | 1               | 90          | 8              | 7              | 7.5            | 7.5            | FM        | G              | 40+         | Three stems extend from 8m. Arboreal ivy.                                              | No action required at present. | B2       |
| T84         | English yew       | 9          | 1               | 49          | 1              | 6.5            | 6              | 5              | M         | G              | 40+         | High crown over the track. No obvious significant defects.                             | No action required at present. | B2       |
| T91         | Sycamore          | 19         | 1               | 67          | 8              | 8              | 4              | 7              | M         | G              | 40+         | Two stems extend from 3m. No obvious significant defects.                              | Fell to ground level.          | B2       |
| T92         | Scots pine        | 18         | 1               | 66          | 4              | 5              | 6              | 4              | M         | G              | 40+         | Trunk leans east. No obvious significant defects.                                      | No action required at present. | B1       |
| T93         | Scots pine        | 20         | 1               | 69          | 6              | 4              | 6              | 3              | M         | G              | 40+         | Trunk leans east. Arboreal ivy. No obvious significant defects.                        | Sever ivy at base.             | B1       |
| T94         | Sycamore          | 12         | 1               | 70          | 5              | 5              | 5              | 5              | M         | G              | 40+         | No obvious significant defects. Located south of the boundary fence.                   | No action required at present. | B2       |
| T95         | Rowan             | 7          | 4               | 18          | 3              | 2              | 2              | 4.5            | EM        | G              | 20+         | Crown leans west into the site.                                                        | No action required at present. | C1       |

A key explaining each category is provided at the rear of the schedule

## Group Schedule

Site: Elmfield House, Salisbury

Date of Survey: 4th May 2023

| Group Number | Tree Species                                 | Number in Group | Height (m) | Number of stems | Stem Ø (mm) | Estimated Ø | N - Radius (m) | S - Radius (m) | E - Radius (m) | 1st Branch | Age Class | Overall Health | ULE (Years) | Tree Structural Condition & Site Notes                                                                                                     | Recommended Management                                                                | Category |
|--------------|----------------------------------------------|-----------------|------------|-----------------|-------------|-------------|----------------|----------------|----------------|------------|-----------|----------------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------|
| G1           | Spruce, cherry, smoke bush and false spiraea | 4               | 2          | 1               | 125         | *           | 1              | 1              | 1              | 1          | EM        | G              | 20+         | Small trees and shrubs beside the drive.                                                                                                   | Remove.                                                                               | C2       |
| G2           | Elm, sycamore and hawthorn                   | 15              | 3          | 1               | 125         | *           | 1.5            | 1.5            | 1.5            | 2          | SM        | F              | 20+         | A group of small self-sown trees beside the water.                                                                                         | Remove 9m from the northern end of this ground as indicated on the tree removal plan. | C2       |
| G3           | Sycamore and hazel                           | 5               | 4          | 1               | 80          | *           | 1.5            | 1.5            | 1.5            | 2          | SM        | G              | 20+         | A group of small self-sown trees.                                                                                                          | Remove.                                                                               | C2       |
| G4           | Norway maple, silver birch and goat willow   | 5               | 6          | 1               | 100         | *           | 2              | 2              | 2              | 2          | EM        | G              | 20+         | A small group of established trees at the end of the garden.                                                                               | Remove.                                                                               | C2       |
| G5           | Cherry, goat willow, hazel and sycamore      | 25              | 7          | 1               | 150         | *           | 2              | 2              | 2              | 2          | EM        | G              | 20+         | A belt of young trees beyond the fence.                                                                                                    | Prune overhanging branches back to the fenceline.                                     | C2       |
| G10          | Hazel, holly & hawthorn                      | 12              | 7          | 1               | 150         | *           | 2              | 2              | 2              | 2          | EM        | G              | 20+         | Understorey hedgerow trees at the edge of the site. The brambles have recently been cleared from the edge. No obvious significant defects. | Remove a section of this group as indicated on the tree removal plan.                 | C2       |
| G11          | Hazel, hawthorn, spindle, sycamore and yew   | 12              | 5          | 1               | 125         | *           | 2              | 2              | 2              | 2          | EM        | G              | 20+         | Predominately small self-sown trees at the edge of the watercourse. No obvious significant defects.                                        | Remove.                                                                               | C2       |

A key explaining each category is provided at the rear of the schedule

## Hedge Schedule

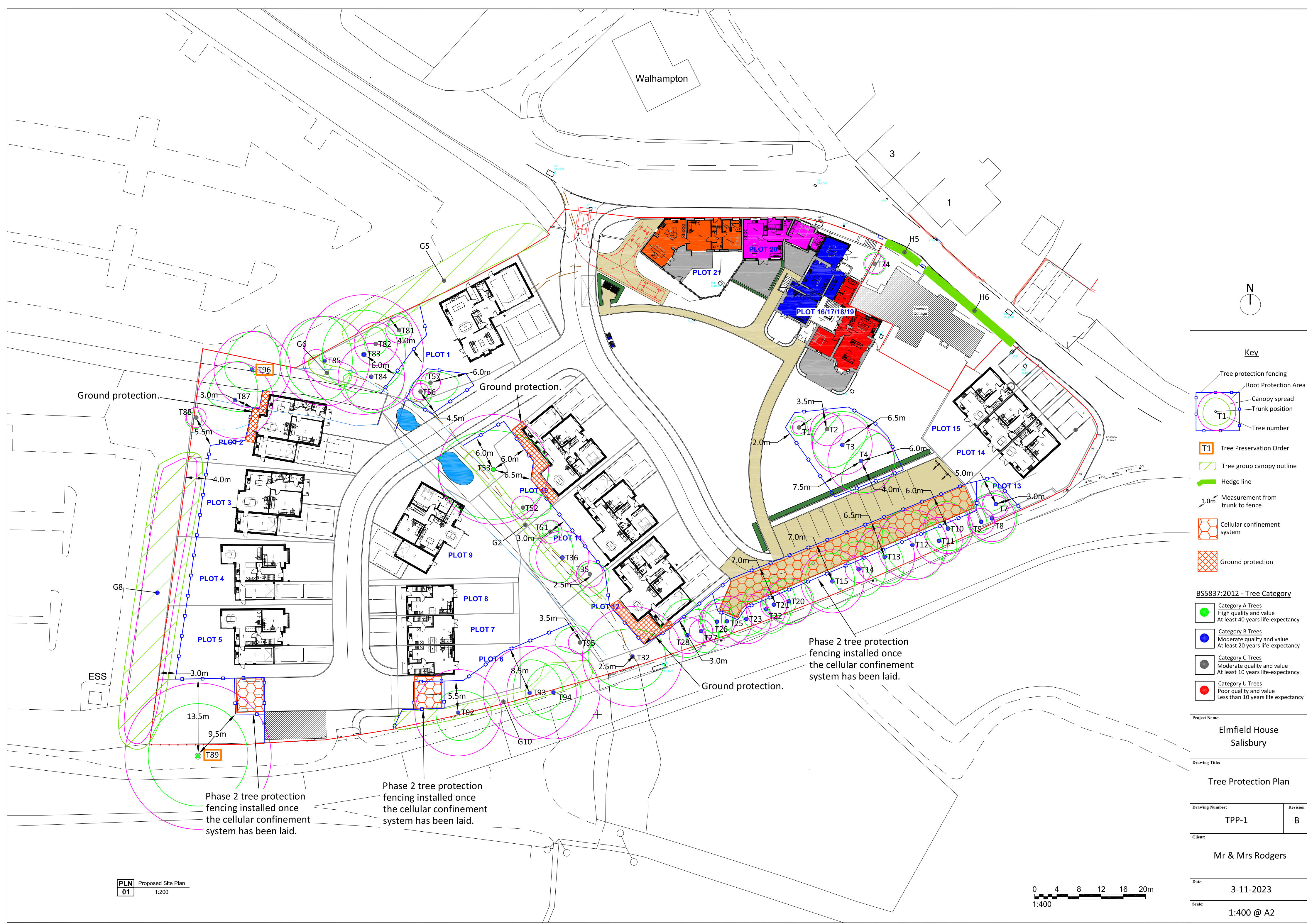
Site: Elmfield House, Salisbury

Date of Survey: 4th May 2023

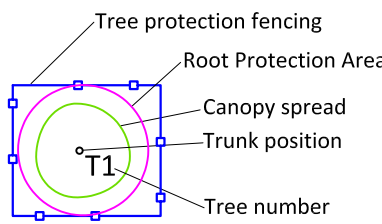
| Hedge Number | Tree Species          | Height (m) | No. of Stems | Stem Ø (cm) | Width (m) | Length (m) | Age Class | Overall Health | ULE (Years) | Condition & Site Notes                                                       | Recommended Management                                                               | Category |
|--------------|-----------------------|------------|--------------|-------------|-----------|------------|-----------|----------------|-------------|------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------|
| H1           | Berberis              | 1          | MS           | 80          | 1         | 18         | M         | G              | 20+         | A garden hedge at the edge of the lawn. It seems to be regularly trimmed.    | Remove.                                                                              | C2       |
| H2           | Berberis              | 1          | MS           | 80          | 1         | 4          | M         | G              | 20+         | A garden hedge at the edge of the lawn. It seems to be regularly trimmed.    | Remove.                                                                              | C2       |
| H3           | Spotted cherry laurel | 2          | MS           | 90          | 2         | 5          | M         | G              | 20+         | A short section of hedge beside the drive. It seems to be regularly trimmed. | Remove.                                                                              | C2       |
| H4           | Spotted cherry laurel | 2          | MS           | 90          | 2         | 5          | M         | G              | 20+         | A short section of hedge beside the drive. It seems to be regularly trimmed. | Remove.                                                                              | C2       |
| H5           | Cherry laurel         | 4          | MS           | 90          | 2         | 5          | M         | G              | 20+         | A short section of hedge beside the road. Few signs of recent management.    | No action required at present.                                                       | C2       |
| H6           | Snowberry             | 2          | MS           | 70          | 1         | 20         | M         | G              | 20+         | A property boundary hedge beside the road. Few signs of recent management.   | Remove 3m from the southern end of this hedge as indicated on the tree removal plan. | C2       |
| H7           | Lonicera              | 2          | MS           | 80          | 1         | 3          | M         | F              | 10+         | A short section of hedge beside the road. Few signs of recent management.    | Remove.                                                                              | C2       |
| H8           | Photinia and buddleia | 3          | MS           | 80          | 2         | 8          | M         | F              | 10+         | A property boundary hedge beside the road. No sign of recent management.     | Remove.                                                                              | C2       |

A key explaining each category is provided at the rear of the schedule

## **Appendix B - Tree Protection Plan**



**Key**



- T1** Tree Preservation Order
- Tree group canopy outline
- Hedge line
- 1.0m Measurement from trunk to fence
- Cellular confinement system
- Ground protection

**BS5837:2012 - Tree Category**

|  |                                                                                            |
|--|--------------------------------------------------------------------------------------------|
|  | <b>Category A Trees</b><br>High quality and value<br>At least 40 years life-expectancy     |
|  | <b>Category B Trees</b><br>Moderate quality and value<br>At least 20 years life-expectancy |
|  | <b>Category C Trees</b><br>Moderate quality and value<br>At least 10 years life-expectancy |
|  | <b>Category U Trees</b><br>Poor quality and value<br>Less than 10 years life expectancy    |

Project Name:  
**Elmfield House  
Salisbury**

Drawing Title:  
**Tree Protection Plan**

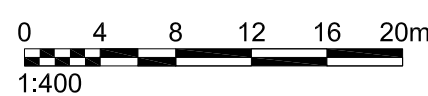
|                                 |                      |
|---------------------------------|----------------------|
| Drawing Number:<br><b>TPP-1</b> | Revision<br><b>B</b> |
|---------------------------------|----------------------|

Client:  
**Mr & Mrs Rodgers**

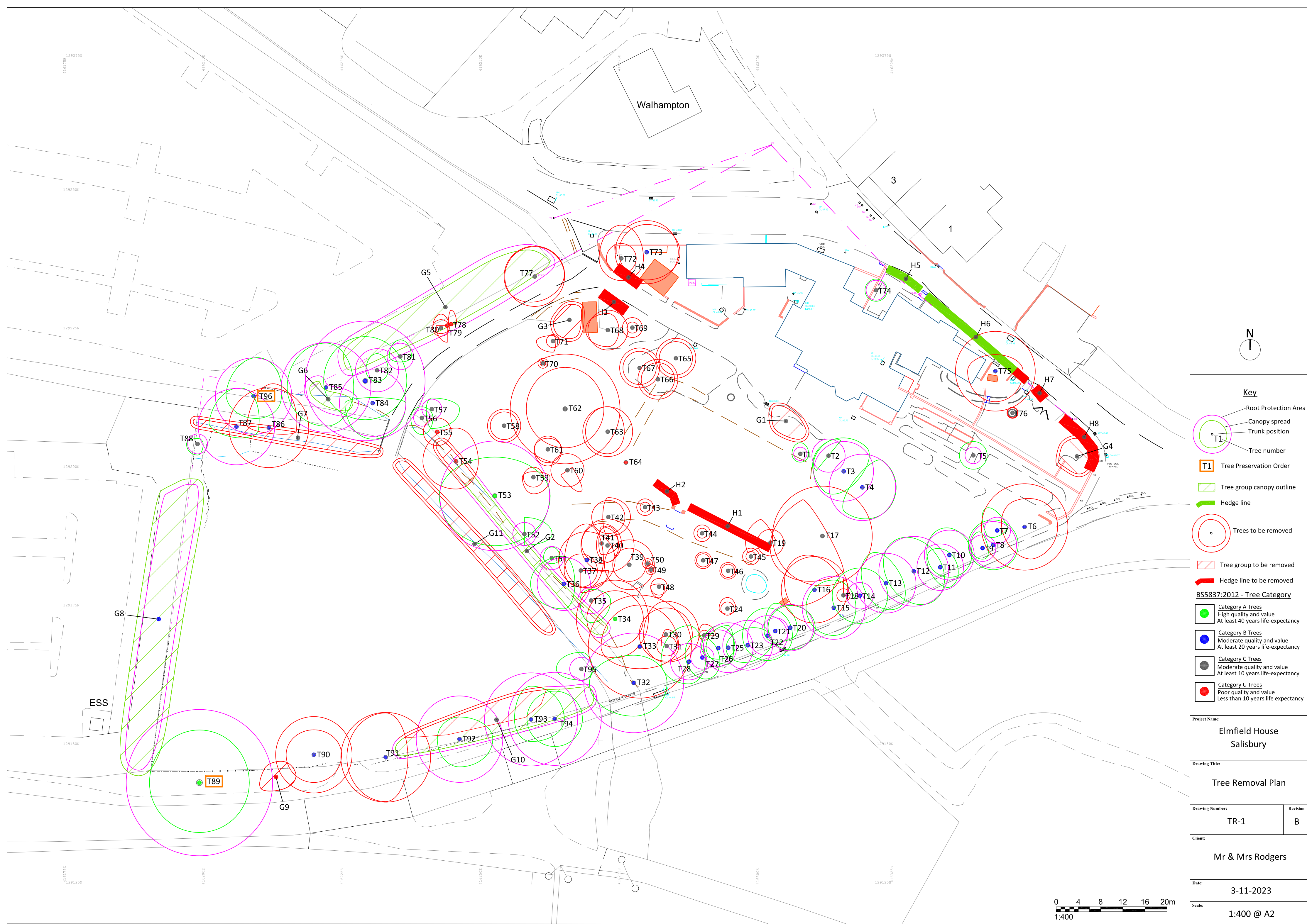
Date:  
**3-11-2023**

Scale:  
**1:400 @ A2**

**PLN** Proposed Site Plan  
**01** 1:200



## **Appendix C - Tree Removal Plan**



## **Appendix D – Tree Protection Fencing**

Figure 2 Default specification for protective barrier

