

# **Tree Surveys**

BS5837 – Pre Planning – Mortgage – Risk Management & Prediction

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## **BS 5837:2012 TREE SURVEY FOR MILLWORTH LANE RECREATION GROUND SHINFIELD PROPOSED DEVELOPMENT PROJECT**



**Prepared on instruction from:  
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Pipers Lane  
Thatcham  
RG19 4NA**

**Ref: PB/5837-24/02.26**

**10 May 2024**



# Tree Surveys

BS5837 – Pre Planning – Mortgage – Risk Management & Prediction

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## Summary

A total of sixty-three individual trees, two groups and two hedges were inspected on land at Millworth Lane Recreation Ground, Shinfield, Reading RG2 9EN. The tree details are contained in the tree survey schedule included at Appendix 1. The trees were assessed in accordance with the cascade chart for tree quality (Table 1: Section 4) of British Standard (BS) 5837:2012. They are categorised as follows.

- Eight trees are in Category 'A' – "Trees of high quality".
- Thirty trees are in Category 'B' - "Trees of moderate quality".
- Seventeen trees, one group and two hedges are in Category 'C' - "Trees of low quality".
- Eight trees and one group are in Category 'U' - "Trees unsuitable for retention".

Mitigation may be required to demonstrate how the retained trees' root protection areas (RPAs) will be protected during any development, including access to the proposed development area. The RPAs are shown on the plan included at Appendix 3.

## 1. Introduction

### 1.1 Instructions

- 1.1.1 We are instructed by Tony Grover of BDS Surveyors Ltd to visit land at Millworth Lane Recreation Ground, Shinfield, Reading RG2 9EN on behalf of Shinfield Parish Council and survey the trees implicated in a forthcoming planning application for a proposed recreation ground development project.
- 1.1.2 The trees were surveyed in accordance with 'British Standard (BS) 5837:2012' a guide for 'Trees in relation to design, demolition and construction - Recommendations' (Section 4).

### 1.2 Validation

- 1.2.1 This report fulfils the recommended national listed criteria for tree survey information as set out in BS 5837:2012 and includes the following:
  - A tree survey, undertaken by a qualified arboriculturist, and tree schedule, included at Appendix 1.
  - A plan at 1:200 scale with a north point, indicating the tree locations and colour coded, ref PB/5837-24/02.26 included as Appendix 2.
  - The root protection areas drawn to scale on a plan ref PB/RPA-24/02.26 included at Appendix 3.
  - The shade constraints plan, ref PB/SC-24/02.26 included at Appendix 4.
  - Default tree protection fencing from BS 5837:2012 and tree protection barrier sign included at Appendices 5 and 6.

### 1.3 Statutory designations

A check of Wokingham Borough Council's interactive Protected Tree Map was undertaken on 10 March 2024 to assess the statutory protection of the trees on this site. There are no trees protected by Tree Preservation Order. The site is not within a Conservation Area.



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## 2. Scope of this report

- 2.1 The purpose of this report is to quantify the trees most likely to be impacted upon by the development proposal and to highlight how potential damage to them may be avoided.
- 2.2 The tree survey provides the basic data on the trees that may be implicated in any forthcoming planning application. It does not set out to put arguments for or against the development. It does set out how to decide upon the retention of the trees, means of protecting the retained trees during development and on means of incorporating the trees into the developed landscape, along with appropriate management and protective measures.
- 2.3 The primary purpose of this report is for the client and council to review the information provided and use it for the purpose of considering a planning application or engaging in further discussions towards the same end. The information is provided on the basis that it will be available to people other than arboriculturists i.e., those without specialist knowledge of the subject.

## 3. Site visit and the collection of data

### 3.1 Site visit

- 3.1.1 The trees were surveyed by Paul Billin BSc MICFor on 26 February 2024. The trees were inspected from ground level and without any form of detailed investigations; binoculars were used to aid the inspection process. The measurements we undertook on site were made with the aid of a rounded down diameter tape and TruPulse™ laser hypsometer. The trees were not tagged as they are easily identified on site and with reference to the attached tree location plan. The weather at the time of the inspections was sunny and clear.

### 3.2 The trees

- 3.2.1 We surveyed sixty-three individual trees, two groups and two hedges with stem diameters of 75 millimetres and above. The tree details have been entered into a tree survey schedule included at Appendix 1.
- 3.2.2 For ease of identification the trees are shown on the tree location plan ref PB/5837-24/02.26 and have been allocated numbers. These numbers are cross-referenced within the BS 5837:2012 survey schedule.
- 3.2.3 In making the assessment, consideration has been given to:
  - The health, vigour and condition of the trees.
  - Any structural defects and safe life expectancy.
  - The size and form of the trees.
  - The rare, unusual or component part of a formal feature.
  - Groups or individual trees that provide definite screening or softening effect.
  - Trees forming distinct landscape features.



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## 4. Constraints

### 4.1 Ecological constraints

- 4.1.1 The Conservation of Habitats and Species Regulations 2017 (as amended), and The Wildlife and Countryside Act 1981 as amended by the Countryside and Rights of Way Act 2000, provides statutory protection to birds, bats, and other tree dwelling species. They could impose significant constraints on the use and timing of any tree matters considered in this report.

### 4.2 Root protection areas (RPAs)

- 4.2.1 Using BS 5837:2012 the RPAs have been calculated for the trees by reference to section 4.6.1 (a) and/or (b). The RPA is frequently described as a circle with a radius of prescribed distance within which no unspecified activity should occur and a high level of care is needed during any activities that are authorised within them, if they are to be successfully retained.
- 4.2.2 Specified intrusions into the RPAs can take place only where the ground is adequately protected in accordance with the requirements of section 6 (6.2.3.3) of the BS or as may be agreed with the Local Planning Authority (LPA). The RPAs have been plotted as dodecagons or polygons taking account of the site constraints on plan ref PB/RPA-24/02.26.
- 4.2.3 The shape and position of the RPA may only be modified by an arboriculturist to meet the pre-existing site conditions or other factors that indicate that rooting has occurred asymmetrically. In all cases, we have considered the adjacent constraints including such things as the existing highway, site topography and existing buildings.

### 4.3 Shade constraints

- 4.3.1 Large trees that cast dense shade may result in pressure to prune or remove them. Whilst either shade or sunlight might be desirable depending on the potential use; the design should avoid unreasonable obstruction of light. The shade constraints posed by the trees are plotted onto plan ref PB/SC-24/02.26.

## 5. Tree protective measures

- 5.1 To protect retained trees from construction activities, notwithstanding the need for an Arboricultural Method Statement (AMS) in specific instances, the retained trees must be protected by suitable protection barriers and ground protection, the accompanying root protection area plan shows the RPAs and specific tree protection locations required prior to and during the construction activities.
- 5.2 The tree protection barrier is designed to provide construction exclusion zones around the RPAs of all trees to be retained.
- 5.3 The tree protection fencing should be fit for the purpose of excluding construction activity and appropriate to the degree and proximity of work taking place around the retained trees. The default specification for protective barriers is that specified in BS 5837:2012 Figure 2, section 6. A copy of Figure 2 is reproduced at Appendix 5. All weather signs must be attached by cable ties to each Heras panel as set out in Appendix 6.



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## 6. Tree survey key

|                         |                                                         |
|-------------------------|---------------------------------------------------------|
| <b>No:</b>              | Tree number on survey drawing                           |
| <b>Species:</b>         | Common/English and or Latin name                        |
| <b>Height:</b>          | Height in metres above ground level                     |
| <b>Number of stems:</b> | Single stem, or number of stems if more than one        |
| <b>Canopy spread:</b>   | In metres taken at the four cardinal points (N.E.S.W.)  |
| <b>Diameter:</b>        | In millimetres measured in accordance with BS 5837 2012 |

**Height & direction of 1<sup>st</sup> branch:** In metres and by cardinal compass points. This can be found on the detailed tree assessment

|                   |              |
|-------------------|--------------|
| <b>Age class:</b> | Young        |
|                   | Semi-mature  |
|                   | Early-mature |
|                   | Mature       |
|                   | Over-mature  |

**Root protection area:** In square metres and the nominal radius of a circle required to achieve this in metres

|                                                    |         |
|----------------------------------------------------|---------|
| <b>Health - Physiological Condition (Phy Con):</b> | Good    |
|                                                    | Fair    |
|                                                    | Poor    |
|                                                    | Decline |
|                                                    | Dead    |

|                                                       |      |
|-------------------------------------------------------|------|
| <b>Structural Condition: Crown, Stem, Basal Area:</b> | Good |
|                                                       | Fair |
|                                                       | Poor |
|                                                       | Ivy  |

**Survey Comment:**  
i.e. Further investigation, aerial inspection, decay detection, wildlife study

**Estimated Remaining Contribution (ERC) in years:**  
i.e. less than 10, 10 to 20, 20 to 40, 40+

|                          |               |                                |              |
|--------------------------|---------------|--------------------------------|--------------|
| <b>Category Grading:</b> | Code <b>U</b> | Trees unsuitable for retention | <b>RED</b>   |
|                          | Code <b>A</b> | High quality category          | <b>GREEN</b> |
|                          | Code <b>B</b> | Moderate category              | <b>BLUE</b>  |
|                          | Code <b>C</b> | Low category                   | <b>GREY</b>  |



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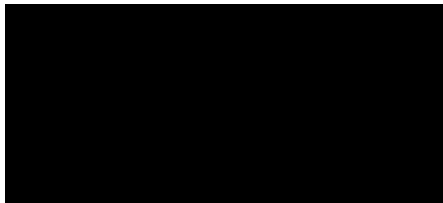
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## 7. Queries

Any queries regarding this tree report should be addressed in the first instance to Tree Surveys:

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Paul Billin, BSc, MICFor  
Chartered Arboriculturist  
Tree Surveys



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## **APPENDIX 1**

# BS5837:2012 Tree Survey

## Tree Surveys

Client: Shinfield Parish Council  
 Project: Millworth Lane\_Recreation Ground\_Development Project  
 Survey Date: 26/02/2024  
 Surveyor: Paul Billin



Bramley House  
 Newnham Bridge  
 Tenbury Wells  
 Worcestershire  
 WR15 8NX  
 Phone: 0118 976 2902

| Tree and Tag No<br>Species |     | Hght<br>(m) | Stems         |             | Crown         |              | Age | RP<br>A (m²)<br>R (m) | Phys<br>Condition | Structural<br>Condition | Preliminary Recommendations                                                                                                        |                                 | Cat<br>ERC                                            |
|----------------------------|-----|-------------|---------------|-------------|---------------|--------------|-----|-----------------------|-------------------|-------------------------|------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------------------------------|
|                            |     |             | No            | Ø<br>(mm)   | Spread<br>(m) | Clear<br>(m) |     |                       |                   |                         | Survey Comment                                                                                                                     |                                 |                                                       |
| G6                         |     |             |               |             |               |              |     |                       |                   |                         |                                                                                                                                    |                                 |                                                       |
| A Group                    | 6   | 1           | 150           | N           | 1.5           | 1            | M   | A: 10.2               | Poor              | C: Poor                 | No action :: Unspecified                                                                                                           |                                 | <b>U</b><br><br><10 yrs                               |
| - -                        |     |             |               | E           | 1.5           | 1            |     | R: 1.8                |                   | S: Poor                 |                                                                                                                                    |                                 |                                                       |
|                            |     |             |               | S           | 1.5           | 1            |     |                       |                   | B: Poor                 | Group of mostly dead or dying elm, some hawthorn, ash.                                                                             |                                 |                                                       |
|                            |     |             |               | W           | 1.5           | 1            |     |                       |                   |                         | Average stem recorded                                                                                                              |                                 |                                                       |
| G16                        |     |             |               |             |               |              |     |                       |                   |                         | Estimated Measurements                                                                                                             |                                 |                                                       |
| A Group                    | 6   | 1           | 120           | N           | 1.5           | 2            |     | A: 6.5                | Poor              | C: Fair                 | No action :: Unspecified                                                                                                           |                                 | <b>C</b><br><br>10 to 20 yrs                          |
| - -                        |     |             |               | E           | 1.5           | 2            |     | R: 1.43               |                   | S: Fair                 |                                                                                                                                    |                                 |                                                       |
|                            |     |             |               | S           | 1.5           | 2            |     |                       |                   | B: Fair                 | Group with sporadic elm, hazel, blackthorn. Average stem recorded                                                                  |                                 |                                                       |
|                            |     |             |               | W           | 1.5           | 2            |     |                       |                   |                         |                                                                                                                                    |                                 |                                                       |
| H11                        |     |             |               |             |               |              |     |                       |                   |                         |                                                                                                                                    |                                 |                                                       |
| A Hedgerow                 | 2.5 | 1           | 100           | N           | 1             | 0            |     | A: 4.5                | Fair              | C: Fair                 | No action :: Unspecified                                                                                                           |                                 | <b>C</b><br><br>20 to 40 yrs                          |
| - <i>Spp.</i>              |     |             |               | E           | 1             | 0            |     | R: 1.19               |                   | S: Fair                 |                                                                                                                                    |                                 |                                                       |
|                            |     |             |               | S           | 1             | 0            |     |                       |                   | B: Fair                 | Remnant field hedge with gaps; opposite play area; hawthorn, hazel, blackthorn; previously topped at 2m AGL. Average stem recorded |                                 |                                                       |
|                            |     |             |               | W           | 1             | 0            |     |                       |                   |                         |                                                                                                                                    |                                 |                                                       |
| H22                        |     |             |               |             |               |              |     |                       |                   |                         | Estimated Measurements                                                                                                             |                                 |                                                       |
| A Hedgerow                 | 6   | 1           | 130           | N           | 2.5           | 0            |     | A: 7.6                | Fair              | C: Fair                 | No action :: Unspecified                                                                                                           |                                 | <b>C</b><br><br>20 to 40 yrs                          |
| - <i>Spp.</i>              |     |             |               | E           | 2.5           | 0            |     | R: 1.55               |                   | S: Fair                 |                                                                                                                                    |                                 |                                                       |
|                            |     |             |               | S           | 2.5           | 0            |     |                       |                   | B: Fair                 | Field hedge; hawthorn, blackthorn, willow. Ht 4-10m AGL, average stem recorded                                                     |                                 |                                                       |
|                            |     |             |               | W           | 2.5           | 0            |     |                       |                   |                         |                                                                                                                                    |                                 |                                                       |
| Age Classifications:       |     | N           | Newly planted | EM          | Early Mature  | Condition:   |     | C                     | Crown             | Stems:                  |                                                                                                                                    | Ø                               | Diameter                                              |
|                            | Y   | Young       | M             | Mature      |               |              | S   | Stem                  |                   |                         |                                                                                                                                    | (Eq)                            | Equivalent stem diameter using BS5837:2012 definition |
|                            | SM  | Semi-mature | OM            | Over Mature |               |              | B   | Basal area            |                   |                         | ERC:                                                                                                                               | Estimated Remaining Contributio |                                                       |

| Tree and Tag No<br>Species         | Hght<br>(m)  | Stems                                 |               | Crown                                 |                    | Age              | RP<br>A (m²)<br>R (m)     | Phys<br>Condition | Structural<br>Condition       | Preliminary Recommendations                                                                                                       |                                                                          | Cat<br>ERC                              |
|------------------------------------|--------------|---------------------------------------|---------------|---------------------------------------|--------------------|------------------|---------------------------|-------------------|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|-----------------------------------------|
|                                    |              | No                                    | Ø<br>(mm)     | Spread<br>(m)                         | Clear<br>(m)       |                  |                           |                   |                               | Survey Comment                                                                                                                    |                                                                          |                                         |
| 1                                  |              |                                       |               |                                       |                    |                  |                           |                   |                               |                                                                                                                                   |                                                                          |                                         |
| Common Oak<br><i>Quercus robur</i> | 19.5         | 1                                     | 930           | N<br>E<br>S<br>W                      | 8<br>8<br>9<br>8   | 8<br>6<br>5<br>5 | M<br>A: 391.3<br>R: 11.16 | Fair              | C: Fair<br>S: Fair<br>B: Poor | No action :: Unspecified<br>Single stem. Tree on raised bank by entrance, some collision damage. Minor deadwood throughout canopy | A<br>>40 yrs                                                             |                                         |
| 2                                  |              |                                       |               |                                       |                    |                  |                           |                   |                               |                                                                                                                                   |                                                                          |                                         |
| Common Oak<br><i>Quercus robur</i> | 18.5         | 1                                     | 710           | N<br>E<br>S<br>W                      | 9<br>7<br>6<br>8   | 6<br>6<br>6<br>4 | SM<br>A: 228.1<br>R: 8.52 | Fair              | C: Fair<br>S: Fair<br>B: Fair | No action :: Unspecified<br>Single stem; bifurcates 2.4m AGL                                                                      | A<br>>40 yrs                                                             |                                         |
| 3                                  |              |                                       |               |                                       |                    |                  |                           |                   |                               |                                                                                                                                   |                                                                          |                                         |
| Common Oak<br><i>Quercus robur</i> | 14           | 1                                     | 570           | N<br>E<br>S<br>W                      | 3<br>5<br>5<br>8   | 6<br>6<br>6<br>6 | SM<br>A: 147<br>R: 6.84   | Fair              | C: Fair<br>S: Fair<br>B: Fair | No action :: Unspecified<br>Single stem; bifurcates 2.4m AGL                                                                      | B<br>>40 yrs                                                             |                                         |
| 4                                  |              |                                       |               |                                       |                    |                  |                           |                   |                               |                                                                                                                                   |                                                                          |                                         |
| Common Oak<br><i>Quercus robur</i> | 14.5         | 1                                     | 460           | N<br>E<br>S<br>W                      | 4<br>2<br>4<br>7   | 4<br>6<br>5<br>5 | SM<br>A: 95.7<br>R: 5.51  | Decline           | C: Poor<br>S: Fair<br>B: Fair | No action :: Unspecified<br>Single stem. Asymmetric canopy biased to south                                                        | C<br>20 to 40 yrs                                                        |                                         |
| 5                                  |              |                                       |               |                                       |                    |                  |                           |                   |                               |                                                                                                                                   |                                                                          |                                         |
| Common Oak<br><i>Quercus robur</i> | 11           | 1                                     | 960           | N<br>E<br>S<br>W                      | 3<br>3<br>2<br>3   | 5<br>5<br>6<br>5 | M<br>A: 417<br>R: 11.52   | Decline           | C: Poor<br>S: Poor<br>B: Poor | No action :: Unspecified<br>Single stem. Only 10% live canopy. Deadwood less than 400mm diam                                      | C<br>10 to 20 yrs                                                        |                                         |
| 7                                  |              |                                       |               |                                       |                    |                  |                           |                   |                               |                                                                                                                                   |                                                                          |                                         |
| Common Oak<br><i>Quercus robur</i> | 10.5         | 2                                     | 449 (Eq)      | N<br>E<br>S<br>W                      | 3.5<br>4<br>5<br>5 | 5<br>4<br>4<br>4 | SM<br>A: 91.4<br>R: 5.39  | Fair              | C: Poor<br>S: Fair<br>B: Fair | No action :: Unspecified<br>Ivy partially obscuring stems                                                                         | C<br>20 to 40 yrs                                                        |                                         |
| Age Classifications:               | N<br>Y<br>SM | Newly planted<br>Young<br>Semi-mature | EM<br>M<br>OM | Early Mature<br>Mature<br>Over Mature |                    |                  | Condition:                | C<br>S<br>B       | Crown<br>Stem<br>Basal area   | Stems:                                                                                                                            | Ø Diameter<br>(Eq) Equivalent stem diameter using BS5837:2012 definition | ERC:<br>Estimated Remaining Contributio |

| Tree and Tag No<br>Species              | Hght<br>(m)  | Stems                                 |               | Crown                                 |              | Age | RP<br>A (m²)<br>R (m) | Phys<br>Condition | Structural<br>Condition     | Preliminary Recommendations |                                                                                      |           | Cat<br>ERC                                                                                           |                          |
|-----------------------------------------|--------------|---------------------------------------|---------------|---------------------------------------|--------------|-----|-----------------------|-------------------|-----------------------------|-----------------------------|--------------------------------------------------------------------------------------|-----------|------------------------------------------------------------------------------------------------------|--------------------------|
|                                         |              | No                                    | Ø<br>(mm)     | Spread<br>(m)                         | Clear<br>(m) |     |                       |                   |                             | Survey Comment              |                                                                                      |           |                                                                                                      |                          |
| 8                                       |              |                                       |               |                                       |              |     |                       |                   |                             |                             |                                                                                      |           |                                                                                                      |                          |
| Common Hazel<br><i>Corylus avellana</i> | 4            | 3                                     | 149 (Eq)      | N                                     | 2.5          | 2   | M                     | A: 10             | Fair                        | C: Fair                     | No action :: Unspecified                                                             |           |                                                                                                      | C<br><br>20 to 40<br>yrs |
|                                         |              |                                       |               | E                                     | 2.5          | 1   |                       | R: 1.78           |                             | S: Fair                     |                                                                                      |           |                                                                                                      |                          |
|                                         |              |                                       |               | S                                     | 2            | 2.5 |                       |                   |                             | B: Fair                     | Coppice stool                                                                        |           |                                                                                                      |                          |
|                                         |              |                                       |               | W                                     | 2            | 2   |                       |                   |                             |                             |                                                                                      |           |                                                                                                      |                          |
| 9                                       |              |                                       |               |                                       |              |     |                       |                   |                             |                             |                                                                                      |           |                                                                                                      |                          |
| English Elm<br><i>Ulmus procera</i>     | 5.5          | 1                                     | 190           | N                                     | 2            | 3   | SM                    | A: 16.3           | Fair                        | C: Fair                     | No action :: Unspecified                                                             |           |                                                                                                      | B<br><br>20 to 40<br>yrs |
|                                         |              |                                       |               | E                                     | 3            | 1   |                       | R: 2.27           |                             | S: Fair                     |                                                                                      |           |                                                                                                      |                          |
|                                         |              |                                       |               | S                                     | 3            | 3   |                       |                   |                             | B: Fair                     | Single stem                                                                          |           |                                                                                                      |                          |
|                                         |              |                                       |               | W                                     | 2            | 2   |                       |                   |                             |                             |                                                                                      |           |                                                                                                      |                          |
| 10                                      |              |                                       |               |                                       |              |     |                       |                   |                             |                             |                                                                                      |           |                                                                                                      |                          |
| Common Oak<br><i>Quercus robur</i>      | 10.5         | 1                                     | 470           | N                                     | 4.5          | 3   | SM                    | A: 99.9           | Fair                        | C: Fair                     | No action :: Unspecified                                                             |           |                                                                                                      | A<br><br>>40 yrs         |
|                                         |              |                                       |               | E                                     | 5            | 4   |                       | R: 5.63           |                             | S: Fair                     |                                                                                      |           |                                                                                                      |                          |
|                                         |              |                                       |               | S                                     | 6            | 3   |                       |                   |                             | B: Fair                     | Single stem; bifurcates 3m AGL                                                       |           |                                                                                                      |                          |
|                                         |              |                                       |               | W                                     | 4            | 4   |                       |                   |                             |                             |                                                                                      |           |                                                                                                      |                          |
| 12                                      |              |                                       |               |                                       |              |     |                       |                   |                             |                             |                                                                                      |           |                                                                                                      |                          |
| Common Oak<br><i>Quercus robur</i>      | 12.5         | 1                                     | 430           | N                                     | 7            | 4   | SM                    | A: 83.7           | Fair                        | C: Fair                     | No action :: Unspecified                                                             |           |                                                                                                      | B<br><br>>40 yrs         |
|                                         |              |                                       |               | E                                     | 3            | 5   |                       | R: 5.16           |                             | S: Fair                     |                                                                                      |           |                                                                                                      |                          |
|                                         |              |                                       |               | S                                     | 6            | 5   |                       |                   |                             | B: Fair                     | Single stem. Wounds on stem, roadside; likely collision damage, fair occlusion       |           |                                                                                                      |                          |
|                                         |              |                                       |               | W                                     | 7            | 4   |                       |                   |                             |                             |                                                                                      |           |                                                                                                      |                          |
| 13                                      |              |                                       |               |                                       |              |     |                       |                   |                             |                             |                                                                                      |           |                                                                                                      |                          |
| Common Oak<br><i>Quercus robur</i>      | 9.5          | 1                                     | 390           | N                                     | 7            | 4   | SM                    | A: 68.8           | Fair                        | C: Fair                     | No action :: Unspecified                                                             |           |                                                                                                      | B<br><br>>40 yrs         |
|                                         |              |                                       |               | E                                     | 6            | 5   |                       | R: 4.67           |                             | S: Fair                     |                                                                                      |           |                                                                                                      |                          |
|                                         |              |                                       |               | S                                     | 7            | 4.5 |                       |                   |                             | B: Fair                     | Single stem.                                                                         |           |                                                                                                      |                          |
|                                         |              |                                       |               | W                                     | 3            | 4   |                       |                   |                             |                             |                                                                                      |           |                                                                                                      |                          |
| 14                                      |              |                                       |               |                                       |              |     |                       |                   |                             |                             |                                                                                      |           |                                                                                                      |                          |
| Common Oak<br><i>Quercus robur</i>      | 16.5         | 2                                     | 785 (Eq)      | N                                     | 10           | 6   | M                     | A: 278.9          | Fair                        | C: Fair                     | No action :: Unspecified                                                             |           |                                                                                                      | A<br><br>>40 yrs         |
|                                         |              |                                       |               | E                                     | 9            | 5   |                       | R: 9.42           |                             | S: Fair                     |                                                                                      |           |                                                                                                      |                          |
|                                         |              |                                       |               | S                                     | 9            | 4   |                       |                   |                             | B: Fair                     | Co-dominant stems from tight union 0.9m AGL. Located on top of bank. Minor deadwood. |           |                                                                                                      |                          |
|                                         |              |                                       |               | W                                     | 9            | 4   |                       |                   |                             |                             |                                                                                      |           |                                                                                                      |                          |
| Age Classifications:                    | N<br>Y<br>SM | Newly planted<br>Young<br>Semi-mature | EM<br>M<br>OM | Early Mature<br>Mature<br>Over Mature |              |     | Condition:            | C<br>S<br>B       | Crown<br>Stem<br>Basal area |                             | Stems:                                                                               | Ø<br>(Eq) | Diameter<br>Equivalent stem diameter using BS5837:2012 definition<br>Estimated Remaining Contributio |                          |

| Tree and Tag No<br>Species                   | Hght<br>(m)  | Stems                                 |               | Crown                                 |              | Age | RP<br>A (m²)<br>R (m) | Phys<br>Condition    | Structural<br>Condition     | Preliminary Recommendations   |                                                                                              |                              | Cat<br>ERC                      |
|----------------------------------------------|--------------|---------------------------------------|---------------|---------------------------------------|--------------|-----|-----------------------|----------------------|-----------------------------|-------------------------------|----------------------------------------------------------------------------------------------|------------------------------|---------------------------------|
|                                              |              | No                                    | Ø<br>(mm)     | Spread<br>(m)                         | Clear<br>(m) |     |                       |                      |                             | Survey Comment                |                                                                                              |                              |                                 |
| 15                                           |              |                                       |               |                                       |              |     |                       |                      |                             |                               |                                                                                              |                              |                                 |
| Common Oak<br><i>Quercus robur</i>           | 17           | 1                                     | 390           | N                                     | 7            | 6   | SM                    | A: 68.8<br>R: 4.67   | Fair                        | C: Fair<br>S: Fair<br>B: Fair | No action :: Unspecified                                                                     | <b>A</b><br><br>>40 yrs      |                                 |
|                                              |              |                                       |               | E                                     | 5            | 6   |                       |                      |                             |                               | Single stem.                                                                                 |                              |                                 |
|                                              |              |                                       |               | S                                     | 7            | 4.5 |                       |                      |                             |                               |                                                                                              |                              |                                 |
|                                              |              |                                       |               | W                                     | 6            | 5   |                       |                      |                             |                               |                                                                                              |                              |                                 |
| 17                                           |              |                                       |               |                                       |              |     |                       |                      |                             |                               |                                                                                              |                              |                                 |
| Elm<br><i>Ulmus Spp.</i>                     | 21           | 3                                     | 1047 (Eq)     | N                                     | 9            | 6   |                       | A: 495.8<br>R: 12.56 | Fair                        | C: Fair<br>S: Fair<br>B: Fair | No action :: Unspecified                                                                     | <b>B</b><br><br>20 to 40 yrs |                                 |
|                                              |              |                                       |               | E                                     | 13           | 7   |                       |                      |                             |                               | Co-dominant stems from tight unions                                                          |                              |                                 |
|                                              |              |                                       |               | S                                     | 13           | 8   |                       |                      |                             |                               |                                                                                              |                              |                                 |
|                                              |              |                                       |               | W                                     | 13           | 9   |                       |                      |                             |                               |                                                                                              |                              |                                 |
| 18                                           |              |                                       |               |                                       |              |     |                       |                      |                             |                               |                                                                                              |                              |                                 |
| Common Oak<br><i>Quercus robur</i>           | 19.5         | 1                                     | 705           | N                                     | 4            | 8   | M                     | A: 224.9<br>R: 8.46  | Fair                        | C: Fair<br>S: Fair<br>B: Fair | No action :: Unspecified                                                                     | <b>A</b><br><br>>40 yrs      |                                 |
|                                              |              |                                       |               | E                                     | 9            | 6   |                       |                      |                             |                               | Single stem; bifurcations 4-5m AGL, into spreading canopy.                                   |                              |                                 |
|                                              |              |                                       |               | S                                     | 8            | 4.5 |                       |                      |                             |                               | Tree located tight to entrance. Minor deadwood throughout canopy                             |                              |                                 |
|                                              |              |                                       |               | W                                     | 12           | 4   |                       |                      |                             |                               |                                                                                              |                              |                                 |
| 19                                           |              |                                       |               |                                       |              |     |                       |                      |                             |                               |                                                                                              |                              |                                 |
| Common Oak<br><i>Quercus robur</i>           | 17           | 1                                     | 919           | N                                     | 6            | 4   | M                     | A: 382.1<br>R: 11.02 | Decline                     | C: Poor<br>S: Poor<br>B: Poor | Further inspection :: Unspecified                                                            | <b>C</b><br><br>10 to 20 yrs |                                 |
|                                              |              |                                       |               | E                                     | 7            | 5   |                       |                      |                             |                               | Single stem. Severe decline. Live canopy less than 15-20%.<br>Deadwood less than 175mm diam. |                              |                                 |
|                                              |              |                                       |               | S                                     | 9            | 6   |                       |                      |                             |                               |                                                                                              |                              |                                 |
|                                              |              |                                       |               | W                                     | 5            | 7   |                       |                      |                             |                               |                                                                                              |                              |                                 |
| 20                                           |              |                                       |               |                                       |              |     |                       |                      |                             |                               |                                                                                              |                              |                                 |
| Common Hawthorn<br><i>Crataegus monogyna</i> | 8            | 3                                     | 471 (Eq)      | N                                     | 4            | 3   | M                     | A: 100.2<br>R: 5.64  | Fair                        | C: Fair<br>S: Ivy<br>B: Fair  | No action :: Unspecified                                                                     | <b>B</b><br><br>>40 yrs      |                                 |
|                                              |              |                                       |               | E                                     | 4.5          | 2.5 |                       |                      |                             |                               | Co-dominant stems, obscured by ivy                                                           |                              |                                 |
|                                              |              |                                       |               | S                                     | 4            | 3   |                       |                      |                             |                               |                                                                                              |                              |                                 |
|                                              |              |                                       |               | W                                     | 4            | 3.5 |                       |                      |                             |                               |                                                                                              |                              |                                 |
| 21                                           |              |                                       |               |                                       |              |     |                       |                      |                             |                               |                                                                                              |                              |                                 |
| Common Oak<br><i>Quercus robur</i>           | 17           | 1                                     | 899           | N                                     | 5            | 4   | M                     | A: 365.7<br>R: 10.78 | Fair                        | C: Fair<br>S: Fair<br>B: Fair | No action :: Unspecified                                                                     | <b>B</b><br><br>20 to 40 yrs |                                 |
|                                              |              |                                       |               | E                                     | 7            | 5   |                       |                      |                             |                               | Single stem. Crown dieback evident, loss of fine branching.                                  |                              |                                 |
|                                              |              |                                       |               | S                                     | 7            | 5   |                       |                      |                             |                               | Deadwood less than 175mm diam                                                                |                              |                                 |
|                                              |              |                                       |               | W                                     | 7            | 6   |                       |                      |                             |                               |                                                                                              |                              |                                 |
| Age Classifications:                         | N<br>Y<br>SM | Newly planted<br>Young<br>Semi-mature | EM<br>M<br>OM | Early Mature<br>Mature<br>Over Mature | Condition:   |     |                       | C<br>S<br>B          | Crown<br>Stem<br>Basal area | Stems:                        | Ø Diameter<br>(Eq) Equivalent stem diameter using BS5837:2012 definition                     | ERC:                         | Estimated Remaining Contributio |

| Tree and Tag No<br>Species         | Hght<br>(m)  | Stems                                 |               | Crown                                 |                      | Age              | RP<br>A (m²)<br>R (m)         | Phys<br>Condition           | Structural<br>Condition       | Preliminary Recommendations                                                                                                             |                              |  | Cat<br>ERC |
|------------------------------------|--------------|---------------------------------------|---------------|---------------------------------------|----------------------|------------------|-------------------------------|-----------------------------|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|------------------------------|--|------------|
|                                    |              | No                                    | Ø<br>(mm)     | Spread<br>(m)                         | Clear<br>(m)         |                  |                               |                             |                               | Survey Comment                                                                                                                          |                              |  |            |
| 23                                 |              |                                       |               |                                       |                      |                  |                               |                             |                               |                                                                                                                                         | Estimated Measurements       |  |            |
| Common Oak<br><i>Quercus robur</i> | 9            | 1                                     | 499           | N<br>E<br>S<br>W                      | 6<br>6<br>7<br>6     | 3<br>4<br>4<br>5 | SM<br>A: 112.7<br>R: 5.98     | Fair                        | C: Fair<br>S: Fair<br>B: Fair | No action :: Unspecified<br><br>Single stem; bifurcations 3-4m AGL. Some loss of fine branching. Ivy partially obscuring stem and limbs | <b>B</b><br><br>>40 yrs      |  |            |
| 24                                 |              |                                       |               |                                       |                      |                  |                               |                             |                               |                                                                                                                                         |                              |  |            |
| Common Oak<br><i>Quercus robur</i> | 11.5         | 1                                     | 480           | N<br>E<br>S<br>W                      | 6<br>7<br>7<br>7     | 4<br>4<br>5<br>5 | SM<br>A: 104.2<br>R: 5.75     | Fair                        | C: Fair<br>S: Fair<br>B: Fair | No action :: Unspecified<br><br>Single stem. Ivy partially obscuring stem and limbs                                                     | <b>B</b><br><br>>40 yrs      |  |            |
| 25                                 |              |                                       |               |                                       |                      |                  |                               |                             |                               |                                                                                                                                         |                              |  |            |
| Common Oak<br><i>Quercus robur</i> | 5            | 1                                     | 380           |                                       |                      |                  | Dead<br>A: 65.3<br>R: 4.55    | Dead                        | C:<br>S:<br>B:                | Fell :: Unspecified<br><br>Dead totem; ivy covered                                                                                      | <b>U</b><br><br>n/a          |  |            |
| 26                                 |              |                                       |               |                                       |                      |                  |                               |                             |                               |                                                                                                                                         |                              |  |            |
| Common Oak<br><i>Quercus robur</i> | 4            | 1                                     | 540           |                                       |                      |                  | Dead<br>A: 131.9<br>R: 6.47   | Dead                        | C:<br>S:<br>B:                | Fell :: Unspecified<br><br>Dead totem, severe decay                                                                                     | <b>U</b><br><br>n/a          |  |            |
| 27                                 |              |                                       |               |                                       |                      |                  |                               |                             |                               |                                                                                                                                         |                              |  |            |
| Common Oak<br><i>Quercus robur</i> | 7            | 1                                     | 270           | N<br>E<br>S<br>W                      | 2.5<br>2<br>2.5<br>2 | 3<br>3<br>3<br>3 | SM<br>A: 33<br>R: 3.24        | Poor                        | C: Poor<br>S: Poor<br>B: Fair | No action :: Unspecified<br><br>Previously poorly topped. Decay in pollard heads                                                        | <b>C</b><br><br>10 to 20 yrs |  |            |
| 28                                 |              |                                       |               |                                       |                      |                  |                               |                             |                               |                                                                                                                                         |                              |  |            |
| Common Oak<br><i>Quercus robur</i> | 7.5          | 1                                     | 630           | N<br>E<br>S<br>W                      | 2.5<br>2<br>2.5<br>2 | 3<br>2<br>2<br>3 | SM<br>A: 179.6<br>R: 7.56     | Poor                        | C: Poor<br>S: Poor<br>B: Fair | Fell :: Unspecified<br><br>Previously poorly topped. Severe decay in stem and pollard heads                                             | <b>U.2</b><br><br><10 yrs    |  |            |
| Age Classifications:               | N<br>Y<br>SM | Newly planted<br>Young<br>Semi-mature | EM<br>M<br>OM | Early Mature<br>Mature<br>Over Mature |                      |                  | Condition:<br><br>C<br>S<br>B | Crown<br>Stem<br>Basal area |                               | Stems:<br><br>Ø Diameter<br>(Eq) Equivalent stem diameter using BS5837:2012 definition<br>ERC: Estimated Remaining Contributio          |                              |  |            |

| Tree and Tag No<br>Species         | Hght<br>(m)  | Stems                                 |               | Crown                                 |              | Age | RP<br>A (m²)<br>R (m) | Phys<br>Condition   | Structural<br>Condition     | Preliminary Recommendations   |                                                                                                                                    |                              | Cat<br>ERC |
|------------------------------------|--------------|---------------------------------------|---------------|---------------------------------------|--------------|-----|-----------------------|---------------------|-----------------------------|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------|------------------------------|------------|
|                                    |              | No                                    | Ø<br>(mm)     | Spread<br>(m)                         | Clear<br>(m) |     |                       |                     |                             | Survey Comment                |                                                                                                                                    |                              |            |
| 29                                 |              |                                       |               |                                       |              |     |                       |                     |                             |                               |                                                                                                                                    |                              |            |
| Common Oak<br><i>Quercus robur</i> | 15           | 1                                     | 370           | N                                     | 3            | 3   | SM                    | A: 61.9<br>R: 4.43  | Fair                        | C: Fair<br>S: Fair<br>B: Fair | No action :: Unspecified                                                                                                           | <b>B</b><br><br>>40 yrs      |            |
|                                    |              |                                       |               | E                                     | 1            | 6   |                       |                     |                             |                               |                                                                                                                                    |                              |            |
|                                    |              |                                       |               | S                                     | 4            | 4   |                       |                     |                             |                               |                                                                                                                                    |                              |            |
|                                    |              |                                       |               | W                                     | 7            | 4   |                       |                     |                             |                               | Single stem. Asymmetric canopy biased to west                                                                                      |                              |            |
| 30                                 |              |                                       |               |                                       |              |     |                       |                     |                             |                               |                                                                                                                                    |                              |            |
| Common Oak<br><i>Quercus robur</i> | 13.5         | 1                                     | 300           | N                                     | 3            | 3   | SM                    | A: 40.7<br>R: 3.59  | Fair                        | C: Poor<br>S: Fair<br>B: Fair | No action :: Unspecified                                                                                                           | <b>C</b><br><br>20 to 40 yrs |            |
|                                    |              |                                       |               | E                                     | 4            | 4   |                       |                     |                             |                               |                                                                                                                                    |                              |            |
|                                    |              |                                       |               | S                                     | 4            | 6   |                       |                     |                             |                               |                                                                                                                                    |                              |            |
|                                    |              |                                       |               | W                                     | 4            | 6   |                       |                     |                             |                               | Single stem. Canopy dieback evident. Deadwood less than 90mm diam                                                                  |                              |            |
| 31                                 |              |                                       |               |                                       |              |     |                       |                     |                             |                               |                                                                                                                                    |                              |            |
| Common Oak<br><i>Quercus robur</i> | 16.5         | 1                                     | 410           | N                                     | 5            | 6   | SM                    | A: 76.1<br>R: 4.92  | Fair                        | C: Fair<br>S: Fair<br>B: Fair | No action :: Unspecified                                                                                                           | <b>B</b><br><br>>40 yrs      |            |
|                                    |              |                                       |               | E                                     | 5            | 6   |                       |                     |                             |                               |                                                                                                                                    |                              |            |
|                                    |              |                                       |               | S                                     | 4            | 6   |                       |                     |                             |                               |                                                                                                                                    |                              |            |
|                                    |              |                                       |               | W                                     | 7            | 6   |                       |                     |                             |                               | Single stem; bifurcates 3.2m AGL. Deadwood less than 100 mm diam. Asymmetric canopy biased to north                                |                              |            |
| 32                                 |              |                                       |               |                                       |              |     |                       |                     |                             |                               |                                                                                                                                    |                              |            |
| Common Oak<br><i>Quercus robur</i> | 16.5         | 1                                     | 460           | N                                     | 7            | 6   | SM                    | A: 95.7<br>R: 5.51  | Fair                        | C: Fair<br>S: Fair<br>B: Fair | No action :: Unspecified                                                                                                           | <b>B</b><br><br>>40 yrs      |            |
|                                    |              |                                       |               | E                                     | 1            | 6   |                       |                     |                             |                               |                                                                                                                                    |                              |            |
|                                    |              |                                       |               | S                                     | 2            | 6   |                       |                     |                             |                               |                                                                                                                                    |                              |            |
|                                    |              |                                       |               | W                                     | 6            | 5   |                       |                     |                             |                               | Single stem; bifurcates 1.8m AGL. Asymmetric canopy biased to west                                                                 |                              |            |
| 33                                 |              |                                       |               |                                       |              |     |                       |                     |                             |                               |                                                                                                                                    |                              |            |
| Common Oak<br><i>Quercus robur</i> | 17.5         | 1                                     | 640           | N                                     | 7            | 6   | SM                    | A: 185.3<br>R: 7.68 | Fair                        | C: Fair<br>S: Fair<br>B: Fair | No action :: Unspecified                                                                                                           | <b>B</b><br><br>>40 yrs      |            |
|                                    |              |                                       |               | E                                     | 7            | 6   |                       |                     |                             |                               |                                                                                                                                    |                              |            |
|                                    |              |                                       |               | S                                     | 6            | 4   |                       |                     |                             |                               |                                                                                                                                    |                              |            |
|                                    |              |                                       |               | W                                     | 8            | 5   |                       |                     |                             |                               | Single stem: bifurcates 3.5m AGL, 3no co-dominant stems. Crown dieback evident. Deadwood less than 125mm diam.                     |                              |            |
| 34                                 |              |                                       |               |                                       |              |     |                       |                     |                             |                               |                                                                                                                                    |                              |            |
| Common Oak<br><i>Quercus robur</i> | 16           | 1                                     | 450           | N                                     | 8            | 5   | SM                    | A: 91.6<br>R: 5.39  | Fair                        | C: Fair<br>S: Fair<br>B: Fair |                                                                                                                                    | <b>B</b><br><br>>40 yrs      |            |
|                                    |              |                                       |               | E                                     | 6            | 7   |                       |                     |                             |                               |                                                                                                                                    |                              |            |
|                                    |              |                                       |               | S                                     | 3            | 7   |                       |                     |                             |                               |                                                                                                                                    |                              |            |
|                                    |              |                                       |               | W                                     | 7            | 6   |                       |                     |                             |                               | Asymmetric canopy biased to north                                                                                                  |                              |            |
| Age Classifications:               | N<br>Y<br>SM | Newly planted<br>Young<br>Semi-mature | EM<br>M<br>OM | Early Mature<br>Mature<br>Over Mature |              |     | Condition:            | C<br>S<br>B         | Crown<br>Stem<br>Basal area |                               | Stems:<br><br>Ø Diameter<br>(Eq) Equivalent stem diameter using BS5837:2012 definition<br><br>ERC: Estimated Remaining Contributio |                              |            |

| Tree and Tag No<br>Species                                                                                                                                                                                                                                                  | Hght<br>(m) | Stems |           | Crown         |              | Age | RP<br>A (m²)<br>R (m) | Phys<br>Condition   | Structural<br>Condition | Preliminary Recommendations   |                                                                         |                          | Cat<br>ERC |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------|-----------|---------------|--------------|-----|-----------------------|---------------------|-------------------------|-------------------------------|-------------------------------------------------------------------------|--------------------------|------------|
|                                                                                                                                                                                                                                                                             |             | No    | Ø<br>(mm) | Spread<br>(m) | Clear<br>(m) |     |                       |                     |                         | Survey Comment                |                                                                         |                          |            |
| 35                                                                                                                                                                                                                                                                          |             |       |           |               |              |     |                       |                     |                         |                               |                                                                         |                          |            |
| Common Oak<br><i>Quercus robur</i>                                                                                                                                                                                                                                          | 15          | 2     | 410 (Eq)  | N             | 7            | 4   | SM                    | A: 76.1<br>R: 4.92  | Fair                    | C: Fair<br>S: Fair<br>B: Fair | No action :: Unspecified<br>Coppice origin                              | <b>B</b><br>>40 yrs      |            |
| 36                                                                                                                                                                                                                                                                          |             |       |           |               |              |     |                       |                     |                         |                               |                                                                         |                          |            |
| Common Oak<br><i>Quercus robur</i>                                                                                                                                                                                                                                          | 17          | 5     | 526 (Eq)  | N             | 7            | 4   | SM                    | A: 125<br>R: 6.3    | Fair                    | C: Fair<br>S: Fair<br>B: Fair | No action :: Unspecified<br>Coppice origin                              | <b>B</b><br>>40 yrs      |            |
| 37                                                                                                                                                                                                                                                                          |             |       |           |               |              |     |                       |                     |                         |                               |                                                                         |                          |            |
| Common Oak<br><i>Quercus robur</i>                                                                                                                                                                                                                                          | 17          | 5     | 725 (Eq)  | N             | 7            | 7   | SM                    | A: 237.6<br>R: 8.69 | Fair                    | C: Fair<br>S: Fair<br>B: Fair | No action :: Unspecified<br>Coppice origin                              | <b>B</b><br>>40 yrs      |            |
| 38                                                                                                                                                                                                                                                                          |             |       |           |               |              |     |                       |                     |                         |                               |                                                                         |                          |            |
| Common Oak<br><i>Quercus robur</i>                                                                                                                                                                                                                                          | 17          | 1     | 490       | N             | 4            | 6   | SM                    | A: 108.6<br>R: 5.87 | Fair                    | C: Fair<br>S: Fair<br>B: Fair | No action :: Unspecified<br>Deadwood, lower limbs, less than 190mm diam | <b>B</b><br>>40 yrs      |            |
| 39                                                                                                                                                                                                                                                                          |             |       |           |               |              |     |                       |                     |                         |                               |                                                                         |                          |            |
| Common Oak<br><i>Quercus robur</i>                                                                                                                                                                                                                                          | 16          | 1     | 480       | N             | 9            | 5   | SM                    | A: 104.2<br>R: 5.75 | Fair                    | C: Fair<br>S: Fair<br>B: Fair | Asymmetric canopy biased to north                                       | <b>B</b><br>>40 yrs      |            |
| 40                                                                                                                                                                                                                                                                          |             |       |           |               |              |     |                       |                     |                         |                               |                                                                         |                          |            |
| Common Oak<br><i>Quercus robur</i>                                                                                                                                                                                                                                          | 8           | 1     | 140       | N             | 1            | 3   | Y                     | A: 8.9<br>R: 1.68   | Fair                    | C: Fair<br>S: Fair<br>B: Fair | No action :: Unspecified<br>Single stem                                 | <b>C</b><br>20 to 40 yrs |            |
| Age Classifications: N Newly planted EM Early Mature Condition: C Crown<br>Y Young M Mature S Stem<br>SM Semi-mature OM Over Mature B Basal area<br>Stems: Ø Diameter<br>(Eq) Equivalent stem diameter using BS5837:2012 definition<br>ERC: Estimated Remaining Contributio |             |       |           |               |              |     |                       |                     |                         |                               |                                                                         |                          |            |

| Tree and Tag No<br>Species                                                                                                                                                                                                                                                                         | Hght<br>(m) | Stems |           | Crown         |              | Age | RP<br>A (m²)<br>R (m) | Phys<br>Condition  | Structural<br>Condition | Preliminary Recommendations   |                                                                                          |                                   | Cat<br>ERC |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------|-----------|---------------|--------------|-----|-----------------------|--------------------|-------------------------|-------------------------------|------------------------------------------------------------------------------------------|-----------------------------------|------------|
|                                                                                                                                                                                                                                                                                                    |             | No    | Ø<br>(mm) | Spread<br>(m) | Clear<br>(m) |     |                       |                    |                         | Survey Comment                |                                                                                          |                                   |            |
| 41                                                                                                                                                                                                                                                                                                 |             |       |           |               |              |     |                       |                    |                         |                               |                                                                                          |                                   |            |
| Common Oak<br><i>Quercus robur</i>                                                                                                                                                                                                                                                                 | 16          | 2     | 277 (Eq)  | N             | 7            | 46  | SM                    | A: 34.6<br>R: 3.31 | Fair                    | C: Fair<br>S: Fair<br>B: Fair | No action :: Unspecified<br>-----<br>Co-dominant stems union 0.5m AGL                    | <b>B</b><br>-----<br>>40 yrs      |            |
| 42                                                                                                                                                                                                                                                                                                 |             |       |           |               |              |     |                       |                    |                         |                               |                                                                                          |                                   |            |
| Common Oak<br><i>Quercus robur</i>                                                                                                                                                                                                                                                                 | 13          | 1     | 260       | N             | 5            | 5   | SM                    | A: 30.6<br>R: 3.12 | Fair                    | C: Fair<br>S: Fair<br>B: Fair | No action :: Unspecified<br>-----<br>Single stem. Asymmetric canopy biased to north west | <b>B</b><br>-----<br>>40 yrs      |            |
| 43                                                                                                                                                                                                                                                                                                 |             |       |           |               |              |     |                       |                    |                         |                               |                                                                                          |                                   |            |
| Common Oak<br><i>Quercus robur</i>                                                                                                                                                                                                                                                                 | 16          | 1     | 430       | N             | 9            | 5   | SM                    | A: 83.7<br>R: 5.16 | Fair                    | C: Fair<br>S: Fair<br>B: Fair | -----<br>Asymmetric canopy biased to northwest                                           | <b>B</b><br>-----<br>>40 yrs      |            |
| 44                                                                                                                                                                                                                                                                                                 |             |       |           |               |              |     |                       |                    |                         |                               |                                                                                          |                                   |            |
| Common Oak<br><i>Quercus robur</i>                                                                                                                                                                                                                                                                 | 4.5         | 1     | 100       | N             | 2            | 2   | Y                     | A: 4.5<br>R: 1.19  | Fair                    | C: Fair<br>S: Fair<br>B: Fair | No action :: Unspecified<br>-----<br>Single stem                                         | <b>C</b><br>-----<br>20 to 40 yrs |            |
| 45                                                                                                                                                                                                                                                                                                 |             |       |           |               |              |     |                       |                    |                         |                               |                                                                                          |                                   |            |
| Common Oak<br><i>Quercus robur</i>                                                                                                                                                                                                                                                                 | 10.5        | 1     | 300       | N             | 4            | 5   | Y                     | A: 40.7<br>R: 3.59 | Fair                    | C: Fair<br>S: Fair<br>B: Fair | No action :: Unspecified<br>-----<br>Asymmetric canopy biased to north                   | <b>C</b><br>-----<br>20 to 40 yrs |            |
| 46                                                                                                                                                                                                                                                                                                 |             |       |           |               |              |     |                       |                    |                         |                               |                                                                                          |                                   |            |
| Common Oak<br><i>Quercus robur</i>                                                                                                                                                                                                                                                                 | 14          | 1     | 360       | N             | 7            | 5   | Y                     | A: 58.6<br>R: 4.31 | Fair                    | C: Fair<br>S: Ivy<br>B: Fair  | No action :: Unspecified<br>-----<br>Asymmetric canopy biased to north                   | <b>B</b><br>-----<br>>40 yrs      |            |
| <div>Age Classifications: N Newly planted EM Early Mature Condition: C Crown<br/>Y Young M Mature S Stem<br/>SM Semi-mature OM Over Mature B Basal area</div> <div>Stems: Ø Diameter<br/>(Eq) Equivalent stem diameter using BS5837:2012 definition<br/>ERC: Estimated Remaining Contributio</div> |             |       |           |               |              |     |                       |                    |                         |                               |                                                                                          |                                   |            |

| Tree and Tag No<br>Species             | Hght<br>(m)  | Stems                                 |               | Crown                                 |                    | Age                | RP<br>A (m²)<br>R (m)    | Phys<br>Condition | Structural<br>Condition       | Preliminary Recommendations                                                                                                      |                                                                          |      | Cat<br>ERC                      |
|----------------------------------------|--------------|---------------------------------------|---------------|---------------------------------------|--------------------|--------------------|--------------------------|-------------------|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|------|---------------------------------|
|                                        |              | No                                    | Ø<br>(mm)     | Spread<br>(m)                         | Clear<br>(m)       |                    |                          |                   |                               | Survey Comment                                                                                                                   |                                                                          |      |                                 |
| 47                                     |              |                                       |               |                                       |                    |                    |                          |                   |                               |                                                                                                                                  |                                                                          |      |                                 |
| Common Oak<br><i>Quercus robur</i>     | 17           | 1                                     | 520           | N<br>E<br>S<br>W                      | 6<br>9<br>11<br>3  | 6<br>6<br>4.5<br>6 | M<br>A: 122.3<br>R: 6.23 | Fair              | C: Fair<br>S: Ivy<br>B: Fair  | No action :: Unspecified<br>-----<br>Single stem. Asymmetric canopy biased to east                                               | <b>B</b><br>-----<br>>40 yrs                                             |      |                                 |
| 48                                     |              |                                       |               |                                       |                    |                    |                          |                   |                               |                                                                                                                                  |                                                                          |      |                                 |
| Common Oak<br><i>Quercus robur</i>     | 11           | 1                                     | 690           | N<br>E<br>S<br>W                      | 3<br>3<br>4.5<br>2 | 4<br>6<br>6<br>7   | M<br>A: 215.4<br>R: 8.28 | Decline           | C: Poor<br>S: Poor<br>B: Poor | Further inspection :: Unspecified<br>-----<br>Single stem. Severe decline. Live canopy less than 25-30%.<br>Deadwood <90mm diam. | Estimated Measurements<br><b>C</b><br>-----<br>10 to 20 yrs              |      |                                 |
| 49                                     |              |                                       |               |                                       |                    |                    |                          |                   |                               |                                                                                                                                  |                                                                          |      |                                 |
| Common Oak<br><i>Quercus robur</i>     | 10.5         | 1                                     | 590           | N<br>E<br>S<br>W                      | 5<br>5<br>5<br>2   | 4<br>4<br>5<br>6   | M<br>A: 157.5<br>R: 7.08 | Poor              | C: Poor<br>S: Poor<br>B: Fair | No action :: Unspecified<br>-----<br>Crown dieback evident. Deadwood less than 100mm diam                                        | <b>C</b><br>-----<br>20 to 40 yrs                                        |      |                                 |
| 50                                     |              |                                       |               |                                       |                    |                    |                          |                   |                               |                                                                                                                                  |                                                                          |      |                                 |
| Common Oak<br><i>Quercus robur</i>     | 15.5         | 1                                     | 680           | N<br>E<br>S<br>W                      | 9<br>5<br>5<br>8   | 6<br>6<br>4.5<br>6 | M<br>A: 209.2<br>R: 8.16 | Fair              | C: Fair<br>S: Fair<br>B: Fair | No action :: Unspecified<br>-----<br>Single stem; bifurcates 2.7m AGL                                                            | <b>B</b><br>-----<br>>40 yrs                                             |      |                                 |
| 51                                     |              |                                       |               |                                       |                    |                    |                          |                   |                               |                                                                                                                                  |                                                                          |      |                                 |
| Common Holly<br><i>Ilex aquifolium</i> | 5            | 1                                     | 190           | N<br>E<br>S<br>W                      | 2.5<br>3<br>3<br>3 | 0<br>0<br>0<br>0   | Y<br>A: 16.3<br>R: 2.27  | Fair              | C: Fair<br>S: Fair<br>B: Fair | No action :: Unspecified<br>-----                                                                                                | <b>B</b><br>-----<br>20 to 40 yrs                                        |      |                                 |
| 52                                     |              |                                       |               |                                       |                    |                    |                          |                   |                               |                                                                                                                                  |                                                                          |      |                                 |
| Common Oak<br><i>Quercus robur</i>     | 1            | 1                                     | 520           | N<br>E<br>S<br>W                      | 7<br>5<br>7<br>5   | 5<br>5<br>4.5<br>3 | M<br>A: 122.3<br>R: 6.23 | Fair              | C: Fair<br>S: Fair<br>B: Fair | No action :: Unspecified<br>-----<br>Single stem; bifurcates 2.7-3.3m AGL                                                        | <b>A</b><br>-----<br>>40 yrs                                             |      |                                 |
| Age Classifications:                   | N<br>Y<br>SM | Newly planted<br>Young<br>Semi-mature | EM<br>M<br>OM | Early Mature<br>Mature<br>Over Mature |                    |                    | Condition:               | C<br>S<br>B       | Crown<br>Stem<br>Basal area   | Stems:                                                                                                                           | Ø Diameter<br>(Eq) Equivalent stem diameter using BS5837:2012 definition | ERC: | Estimated Remaining Contributio |

| Tree and Tag No<br>Species           | Hght<br>(m)  | Stems                                 |               | Crown                                 |                          | Age              | RP<br>A (m²)<br>R (m)     | Phys<br>Condition           | Structural<br>Condition       | Preliminary Recommendations                                                                                                    |                        |                   | Cat<br>ERC |
|--------------------------------------|--------------|---------------------------------------|---------------|---------------------------------------|--------------------------|------------------|---------------------------|-----------------------------|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------|------------------------|-------------------|------------|
|                                      |              | No                                    | Ø<br>(mm)     | Spread<br>(m)                         | Clear<br>(m)             |                  |                           |                             |                               | Survey Comment                                                                                                                 |                        |                   |            |
| 53                                   |              |                                       |               |                                       |                          |                  |                           |                             |                               |                                                                                                                                |                        |                   |            |
| Common Oak<br><i>Quercus robur</i>   | 6            | 2                                     | 492 (Eq)      | N<br>E<br>S<br>W                      | 3<br>3<br>3<br>3         | Dead             | A: 109.7<br>R: 5.9        | Dead                        | C:<br>S:<br>B:                | Fell :: Unspecified                                                                                                            |                        | U<br>n/a          |            |
| 54                                   |              |                                       |               |                                       |                          |                  |                           |                             |                               |                                                                                                                                |                        |                   |            |
| Common Oak<br><i>Quercus robur</i>   | 18.5         | 3                                     | 725 (Eq)      | N<br>E<br>S<br>W                      | 8<br>6<br>9<br>9         | 5<br>6<br>6<br>5 | M<br>R: 8.7               | Fair                        | C: Fair<br>S: Fair<br>B: Fair | No action :: Unspecified<br>Co-dominant stems unions 1.1m AGL                                                                  |                        | B<br>>40 yrs      |            |
| 55                                   |              |                                       |               |                                       |                          |                  |                           |                             |                               |                                                                                                                                |                        |                   |            |
| Common Oak<br><i>Quercus robur</i>   | 5            | 1                                     | 150           | N<br>E<br>S<br>W                      | 3<br>1<br>1<br>1         | 2<br>2<br>2<br>2 | Y<br>R: 1.8               | Poor                        | C: Fair<br>S: Fair<br>B: Fair |                                                                                                                                |                        | U<br>20 to 40 yrs |            |
| 56                                   |              |                                       |               |                                       |                          |                  |                           |                             |                               |                                                                                                                                |                        |                   |            |
| Common Oak<br><i>Quercus robur</i>   | 18.5         | 1                                     | 650           | N<br>E<br>S<br>W                      | 7<br>9<br>9<br>11        | 5<br>6<br>6<br>5 | M<br>R: 7.8               | Fair                        | C: Fair<br>S: Fair<br>B: Fair | No action :: Unspecified<br>Single stem                                                                                        |                        | B<br>>40 yrs      |            |
| 57                                   |              |                                       |               |                                       |                          |                  |                           |                             |                               |                                                                                                                                | Estimated Measurements |                   |            |
| Common Oak<br><i>Quercus robur</i>   | 4            | 1                                     | 299           | N<br>E<br>S<br>W                      | 2.5<br>2.5<br>2.5<br>2.5 | Dead             | A: 40.4<br>R: 3.58        | Dead                        | C:<br>S:<br>B:                |                                                                                                                                |                        | U<br>n/a          |            |
| 58                                   |              |                                       |               |                                       |                          |                  |                           |                             |                               |                                                                                                                                | Estimated Measurements |                   |            |
| Field Maple<br><i>Acer campestre</i> | 6            | 6                                     | 441 (Eq)      | N<br>E<br>S<br>W                      | 2<br>4<br>3<br>5         | 4<br>3<br>4<br>3 | SM<br>R: 5.29             | Fair                        | C: Poor<br>S: Poor<br>B: Fair | No action :: Unspecified<br>Coppice origin                                                                                     |                        | C<br>20 to 40 yrs |            |
| Age Classifications:                 | N<br>Y<br>SM | Newly planted<br>Young<br>Semi-mature | EM<br>M<br>OM | Early Mature<br>Mature<br>Over Mature |                          |                  | Condition:<br>C<br>S<br>B | Crown<br>Stem<br>Basal area |                               | Stems:<br><br>Ø Diameter<br>(Eq) Equivalent stem diameter using BS5837:2012 definition<br>ERC: Estimated Remaining Contributio |                        |                   |            |

| Tree and Tag No<br>Species                   | Hght<br>(m)  | Stems                                 |               | Crown                                 |                          | Age | RP<br>A (m²)<br>R (m)      | Phys<br>Condition | Structural<br>Condition       | Preliminary Recommendations                                                              |                                                                          |                             | Cat<br>ERC                      |
|----------------------------------------------|--------------|---------------------------------------|---------------|---------------------------------------|--------------------------|-----|----------------------------|-------------------|-------------------------------|------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|-----------------------------|---------------------------------|
|                                              |              | No                                    | Ø<br>(mm)     | Spread<br>(m)                         | Clear<br>(m)             |     |                            |                   |                               | Survey Comment                                                                           |                                                                          |                             |                                 |
| 59                                           |              |                                       |               |                                       |                          |     |                            |                   |                               |                                                                                          |                                                                          |                             |                                 |
| Common Oak<br><i>Quercus robur</i>           | 10           | 1                                     | 280           | N<br>E<br>S<br>W                      | 3<br>4.5<br>4<br>4       | 6   | SM<br>A: 35.5<br>R: 3.36   | Fair              | C: Fair<br>S: Fair<br>B: Fair | No action :: Unspecified<br>Single                                                       |                                                                          | <b>B</b><br>>40 yrs         |                                 |
| 60                                           |              |                                       |               |                                       |                          |     |                            |                   |                               |                                                                                          |                                                                          |                             |                                 |
| Common Oak<br><i>Quercus robur</i>           | 4.5          | 1                                     | 300           | N<br>E<br>S<br>W                      | 2<br>2<br>2<br>2         | 2   | Dead<br>A: 40.7<br>R: 3.59 | Dead              | C: Poor<br>S: Poor<br>B: Poor |                                                                                          |                                                                          | <b>U</b><br><10 yrs         |                                 |
| 61                                           |              |                                       |               |                                       |                          |     |                            |                   |                               |                                                                                          | Estimated Measurements                                                   |                             |                                 |
| Common Oak<br><i>Quercus robur</i>           | 7            | 1                                     | 910           | N<br>E<br>S<br>W                      | 1<br>4<br>3<br>3         | 3   | M<br>A: 374.7<br>R: 10.92  | Decline           | C: Poor<br>S: Poor<br>B: Poor | No action :: Unspecified<br>Top lost, leaving totem with poor, wispy secondary re-growth |                                                                          | <b>U</b><br><10 yrs         |                                 |
| 62                                           |              |                                       |               |                                       |                          |     |                            |                   |                               |                                                                                          | Estimated Measurements                                                   |                             |                                 |
| Common Oak<br><i>Quercus robur</i>           | 7            | 1                                     | 369           | N<br>E<br>S<br>W                      | 4.5<br>4<br>3.5<br>3     | 3   | SM<br>A: 61.6<br>R: 4.42   | Fair              | C: Poor<br>S: Fair<br>B: Fair | Poor form                                                                                |                                                                          | <b>C</b><br>20 to 40<br>yrs |                                 |
| 63                                           |              |                                       |               |                                       |                          |     |                            |                   |                               |                                                                                          | Estimated Measurements                                                   |                             |                                 |
| Common Oak<br><i>Quercus robur</i>           | 5            | 2                                     | 365 (Eq)      | N<br>E<br>S<br>W                      | 1<br>2<br>4<br>4.5       | 2   | SM<br>A: 60.4<br>R: 4.38   | Fair              | C: Poor<br>S: Poor<br>B: Fair | No action :: Unspecified<br>Very poor form                                               |                                                                          | <b>C</b><br>10 to 20<br>yrs |                                 |
| 64                                           |              |                                       |               |                                       |                          |     |                            |                   |                               |                                                                                          |                                                                          |                             |                                 |
| Common Hawthorn<br><i>Crataegus monogyna</i> | 8.5          | 1                                     | 180           | N<br>E<br>S<br>W                      | 1.5<br>1.5<br>1.5<br>1.5 | 2   | Y<br>A: 14.7<br>R: 2.16    | Fair              | C: Fair<br>S: Ivy<br>B: Fair  | No action :: Unspecified<br>Single stem                                                  |                                                                          | <b>C</b><br>20 to 40<br>yrs |                                 |
| Age Classifications:                         | N<br>Y<br>SM | Newly planted<br>Young<br>Semi-mature | EM<br>M<br>OM | Early Mature<br>Mature<br>Over Mature |                          |     | Condition:                 | C<br>S<br>B       | Crown<br>Stem<br>Basal area   | Stems:                                                                                   | Ø Diameter<br>(Eq) Equivalent stem diameter using BS5837:2012 definition | ERC:                        | Estimated Remaining Contributio |

| Tree and Tag No<br>Species         | Hght<br>(m) | Stems |           | Crown         |              | Age | RP<br>A (m²)<br>R (m) | Phys<br>Condition   | Structural<br>Condition | Preliminary Recommendations  |                                                                          | Cat<br>ERC           |
|------------------------------------|-------------|-------|-----------|---------------|--------------|-----|-----------------------|---------------------|-------------------------|------------------------------|--------------------------------------------------------------------------|----------------------|
|                                    |             | No    | Ø<br>(mm) | Spread<br>(m) | Clear<br>(m) |     |                       |                     |                         | Survey Comment               |                                                                          |                      |
| 65                                 |             |       |           |               |              |     |                       |                     |                         |                              |                                                                          |                      |
| Common Oak<br><i>Quercus robur</i> | 11.5        | 3     | 388 (Eq)  | N             | 4            | 4   | SM                    | A: 68.1<br>R: 4.65  | Fair                    | C: Fair<br>S: Ivy<br>B: Fair | No action :: Unspecified<br>-----<br>Co-dominant stems from tight union. | C<br>20 to 40<br>yrs |
| 66                                 |             |       |           |               |              |     |                       |                     |                         |                              |                                                                          |                      |
| Common Oak<br><i>Quercus robur</i> | 13          | 1     | 799       | N             | 8            | 3   | M                     | A: 288.8<br>R: 9.58 | Fair                    | C: Fair<br>S: Ivy<br>B: Fair | Ivy :: Unspecified<br>-----<br>Large bole, completely obscured by ivy,   | B<br>>40 yrs         |
| 67                                 |             |       |           |               |              |     |                       |                     |                         |                              |                                                                          |                      |
| Common Oak<br><i>Quercus robur</i> | 16          | 1     | 799       | N             | 8            | 3   | M                     | A: 288.8<br>R: 9.58 | Fair                    | C: Fair<br>S: Ivy<br>B: Fair | Ivy :: Unspecified<br>-----<br>Single stem                               | A<br>>40 yrs         |
|                                    |             |       |           |               |              |     |                       |                     |                         |                              |                                                                          |                      |
|                                    |             |       |           |               |              |     |                       |                     |                         |                              |                                                                          |                      |
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|                                    |             |       |           |               |              |     |                       |                     |                         |                              |                                                                          |                      |
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|                                    |             |       |           |               |              |     |                       |                     |                         |                              |                                                                          |                      |

Report selection criteria.

Projects.

Millworth Lane\_Recreation Ground\_Development Project

Date Range.

Any Date

Work types.

----> Fell :: Unspecified  
----> Further inspection :: Unspecified  
----> Ivy :: Unspecified  
----> No action :: Unspecified  
----> -No Selection made-

Latest Survey.

All surveys for the selected trees.  
---> Last survey for each selected tree.

Work Completed.

---> Work Completed  
---> Work Not Completed

Number of trees in selected Project(s) 67  
Number of trees in Report selection 67

|                      |    |               |    |              |            |   |            |        |      |                                                       |
|----------------------|----|---------------|----|--------------|------------|---|------------|--------|------|-------------------------------------------------------|
| Age Classifications: | N  | Newly planted | EM | Early Mature | Condition: | C | Crown      | Stems: | Ø    | Diameter                                              |
|                      | Y  | Young         | M  | Mature       |            | S | Stem       |        | (Eq) | Equivalent stem diameter using BS5837:2012 definition |
|                      | SM | Semi-mature   | OM | Over Mature  |            | B | Basal area |        | ERC: | Estimated Remaining Contributio                       |

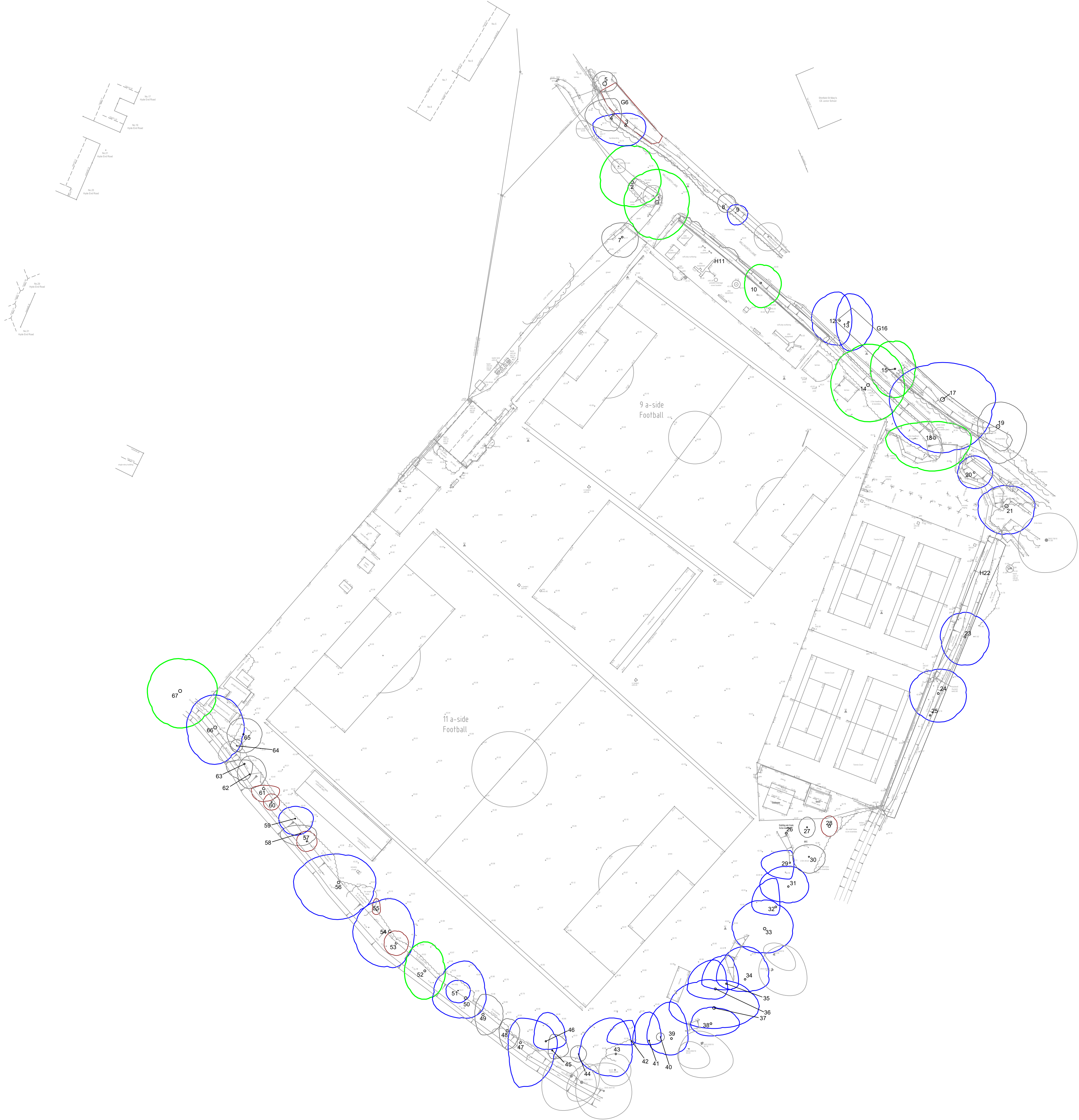


# **Tree Surveys**

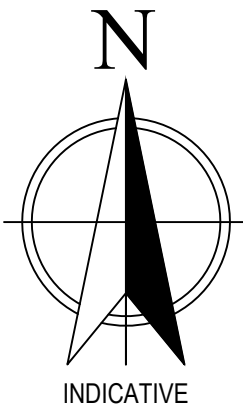
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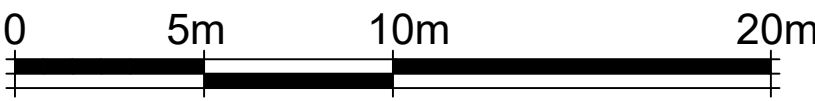
## **APPENDIX 2**



- NOTES
- All dimensions must be checked on site and not scaled from this drawing.
  - The original of this drawing was produced in colour, a monochrome copy should not be relied upon.
  - Read drawings in conjunction with arboricultural report.
  - Topo based on OS data, Licence No. 100022432.



- Key:
- Tree Category A 1,2 or 3  
- trees of high quality
  - Tree Category B 1,2 or 3  
- trees of moderate quality
  - Tree Category C 1,2 or 3  
- trees of low quality
  - Tree Category U  
- trees that cannot realistically be retained
  - Tree number  
- refer to report for information
  - Existing site features



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**Tree Surveys**  
Bramley House,  
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Tel: 0118 762902  
e-mail: info@tree-surveys.com

Client **Shinfield Parish Council**

Job Title  
**Millworth Lane Recreation  
Ground Development Project**

Drawing Title  
**TREE LOCATION PLAN**

Scale **1:200 @ A1**

Date **March 2024** Drawn: **MjE** Checked: **PB**

|                                  |      |
|----------------------------------|------|
| Drg. No. <b>PB/5837-24/02.26</b> | Rev. |
|----------------------------------|------|

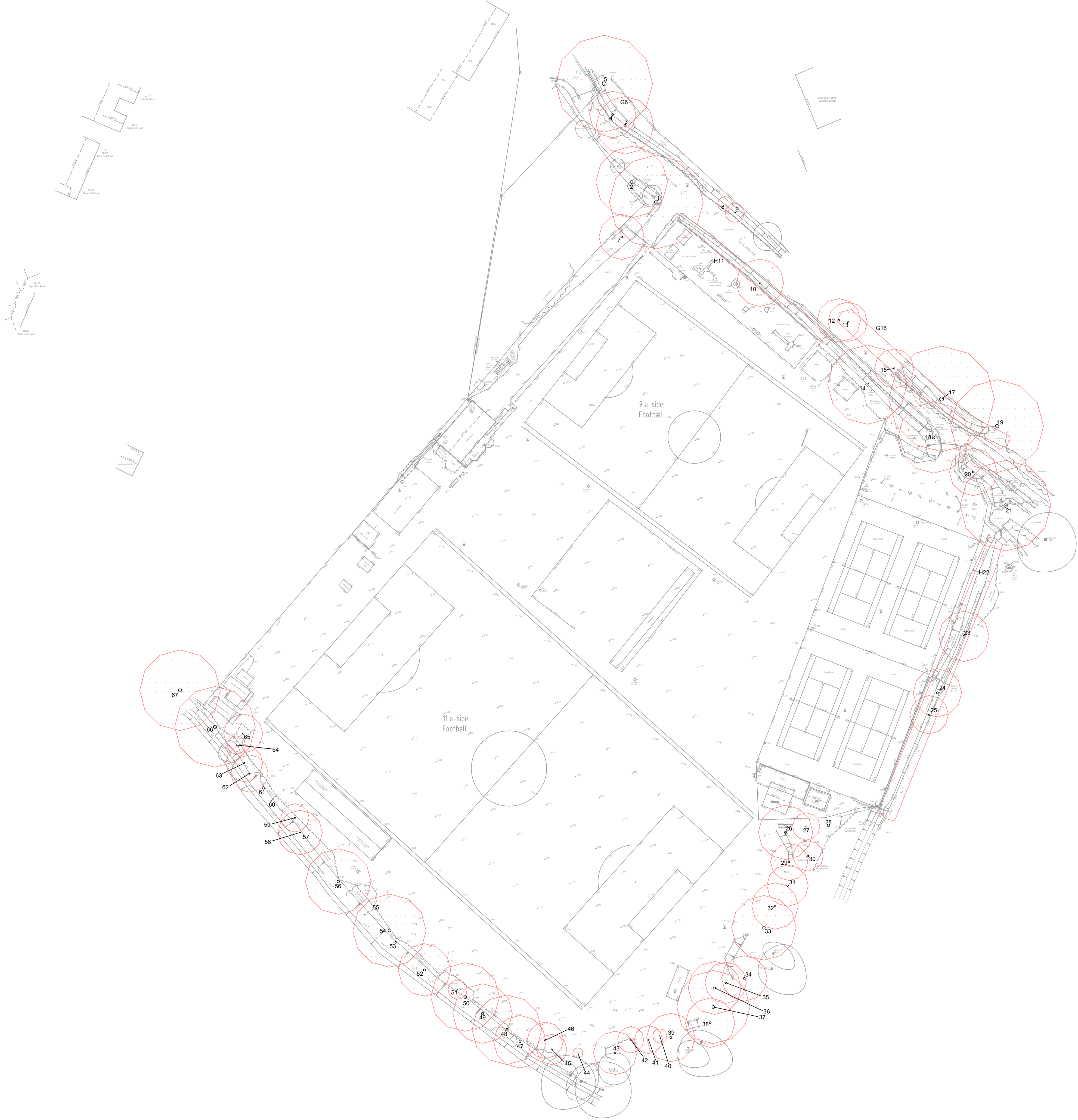


# **Tree Surveys**

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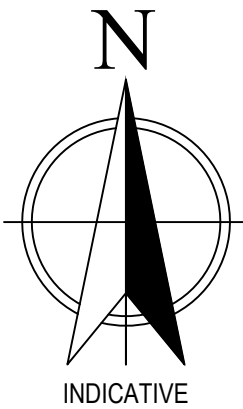
---

## **APPENDIX 3**



NOTES

- All dimensions must be checked on site and not scaled from this drawing.
- The original of this drawing was produced in colour, a monochrome copy should not be relied upon.
- Read drawings in conjunction with arboricultural report.
- Topo based on OS data, Licence No. 100022432.

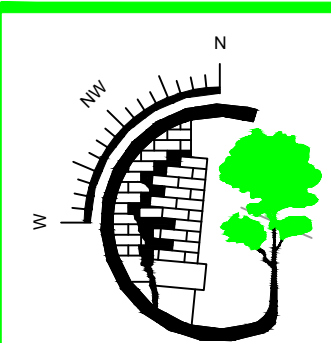


Key:

- Tree Category A 1,2 or 3  
- trees of high quality
- Tree Category B 1,2 or 3  
- trees of moderate quality
- Tree Category C 1,2 or 3  
- trees of low quality
- Tree Category U  
- trees that cannot realistically be retained
- Tree number  
- refer to report for information
- Existing site features
- Root protection area (RPA)



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Client **Shinfield Parish Council**

Job Title  
**Millworth Lane Recreation  
Ground Development Project**

Drawing Title  
**ROOT PROTECTION AREA PLAN**

Scale 1:200 @ A1

Date March 2024 Drawn: MjE Checked: PB

|                          |      |
|--------------------------|------|
| Drg. No. PB/RPA-24/02.26 | Rev. |
|--------------------------|------|

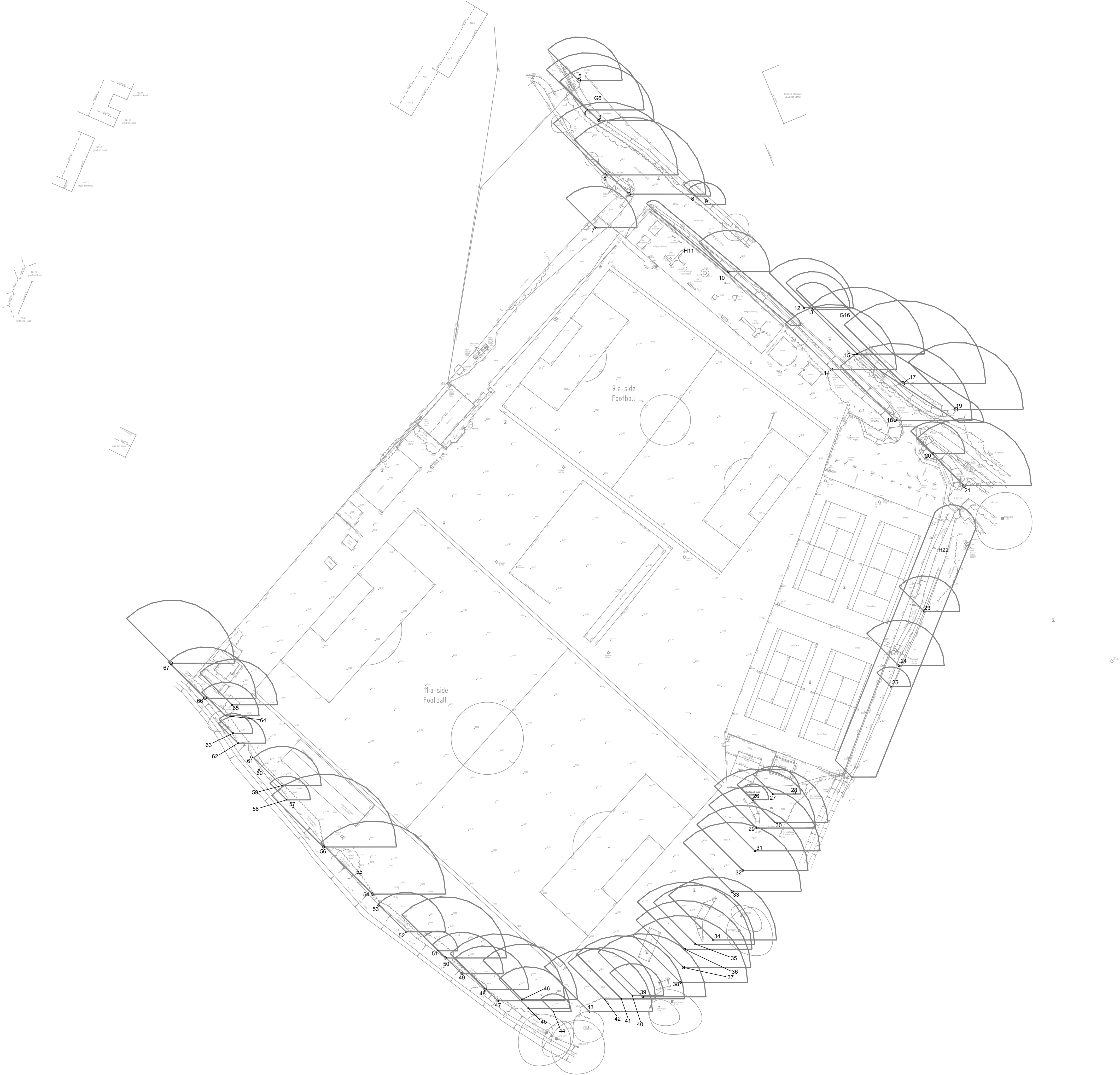


# **Tree Surveys**

BS5837 – Pre Planning – Mortgage – Risk Management & Prediction

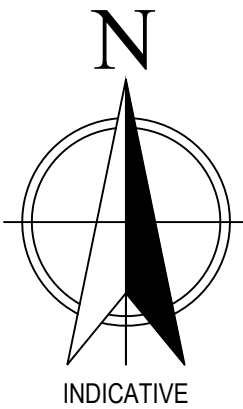
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## **APPENDIX 4**



NOTES

- All dimensions must be checked on site and not scaled from this drawing.
- The original of this drawing was produced in colour, a monochrome copy should not be relied upon.
- Read drawings in conjunction with arboricultural report.
- Topo based on OS data, Licence No. 100022432.

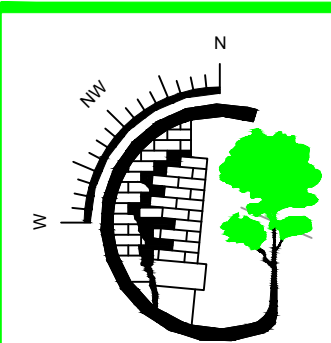


Key:

- Tree Category A 1,2 or 3  
- trees of high quality
- Tree Category B 1,2 or 3  
- trees of moderate quality
- Tree Category C 1,2 or 3  
- trees of low quality
- Tree Category U  
- trees that cannot realistically be retained
- Tree number  
- refer to report for information
- Existing site features
- Area of shade



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Tenbury Wells,  
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Client **Shinfield Parish Council**

Job Title  
**Millworth Lane Recreation  
Ground Development Project**

Drawing Title  
**SHADE CONSTRAINTS PLAN**

Scale 1:200 @ A1

Date March 2024 Drawn: MjE Checked: PB

|                         |      |
|-------------------------|------|
| Drg. No. PB/SC-24/02.26 | Rev. |
|-------------------------|------|



# **Tree Surveys**

BS5837 – Pre Planning – Mortgage – Risk Management & Prediction

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## **APPENDIX 5**



# Tree Surveys

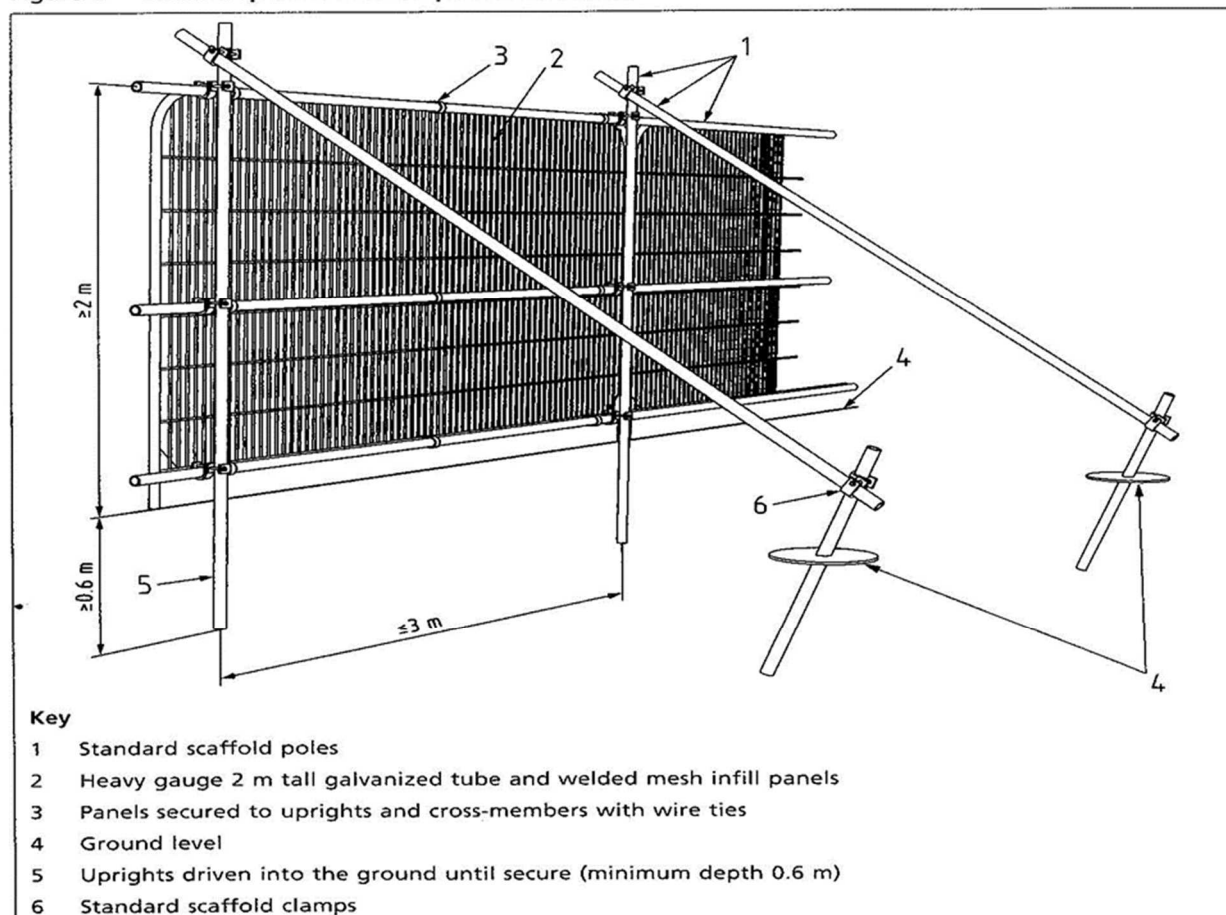
BS5837 – Pre Planning – Mortgage – Risk Management & Prediction

## BS 5837 FIGURE 2 TREE PROTECTION

**Root Protection Areas (RPAs), enclosed by Default Temporary Protective Fencing, as detailed below and to be agreed with the Local Planning Authority (LPA), shall:**

1. Be protected throughout the development process, as specified and detailed in BS 5837:2012 Section 6.2, Fig 2
2. Be erected prior to any construction, demolition or excavation works and remain in place for the duration of the project.
3. Preclude any delivery of site accommodation and or materials and or plant machinery.
4. Preclude all construction related activity, with the sole exception of specified arboricultural works and any other works carried out under supervision that has been agreed by all parties, and:
5. Preclude the storage of all development related materials and substances including fuel, oils, additives, cement and or any other deleterious substances.
6. Any incursions into RPAs must be by prior arrangement, following consultation with the LPA.

Figure 2 Default specification for protective barrier





# **Tree Surveys**

BS5837 – Pre Planning – Mortgage – Risk Management & Prediction

---

## **APPENDIX 6**

# TREE PROTECTION ZONE KEEP OUT!

NO DIGGING OR TRENCHING  
NO STORAGE OF PLANT OR MATERIALS  
NO VEHICLE ACCESS  
NO FIRE LIGHTING  
NO CHEMICAL HANDLING  
AVOID PLANT CONTACT WITH TREE CANOPY  
REPORT ANY DAMAGE  
TO TREES OR FENCING IMMEDIATELY