



# **ARBORICULTURAL REPORT & Impact Assessment to BS 5837:2012 at:**

***Main Street,  
Great Houghton,  
Barnsley  
S72 0AZ***

Prepared for:  
***Avant Homes Yorkshire***

Date: February 2024

Reference: AWA5841



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# 1. Introduction

## 1.1 Instructions and Brief

- 1.1.1 We have been instructed by Avant Homes Yorkshire to visit the site and prepare our findings in a report.
- 1.1.2 The report is required in accordance with BS 5837:2012 *Trees in relation to design, demolition and construction – Recommendations*, to provide detailed, independent, arboricultural advice on the trees present, in the context of potential development.

## 1.2 Survey Details

- 1.2.1 The survey took place during September 2023.
- 1.2.2 The trees were surveyed visually from the ground using “Visual Tree Assessment” techniques and in accordance with the guiding principles of British Standard 5837:2012.
- 1.2.3 Any additional off-site trees that could impact a new development design have been included in the tree survey parameters.
- 1.2.4 We have been provided with a topographical survey with tree positions plotted. Where surveyed trees were not included on the topographical survey the tree positions were plotted using enhanced GPS technology (1-2m accuracy) and laser distance measurer.
- 1.2.5 This report has been prepared by Adam Winson, Chartered Arboriculturist, MSc, BSc (Hons), MICFor, MArborA, Principal and Director of AWA Tree Consultants Ltd.
- 1.2.6 The tree survey data collection was carried out Sophie Beckerman, BA (Hons), Level 4 Diploma in Arboriculture, Arboriculturist at AWA Tree Consultants Ltd.
- 1.2.7 Full qualifications and experience are included within **Appendix 1**. Explanatory details regarding the survey methodology are included within **Appendix 2**. A full explanation of the tree data can be found at **Appendix 3**. Full details of all the trees surveyed are found in **Appendix 4**. For tree locations please refer to the Tree Constraints Plan at **Appendix 5**.

## 2. The Site

### 2.1 Location and Description

2.1.1 The site is located on Main Street, Great Houghton.

2.1.2 The site is on agricultural land and comprises an old farmyard with associated farm buildings and 2 large fields. The west is bordered by a residential road, the north and east by farmland and the south by a farmyard and farm buildings.

2.1.3 The approximate area of the survey is highlighted in the (2022 Google Earth) image below:



## 3. The Trees

### 3.1 Legal

3.1.1 The following advice is for guidance purposes only. Some trees are protected by legislation, and it is essential that the legal status of trees is established prior to carrying out works to them. Unauthorised work to protected trees could lead to prosecution, resulting in enforcement action such as fines or a criminal record. Tree Preservation Orders, Conservation

Areas, Planning Conditions, Felling Licences or Restrictive Covenants legally protect many trees in the UK.

- 3.1.2 An online search was undertaken with Barnsley Metropolitan Council on 20/02/24 to check whether any trees at the site are protected by a Tree Preservation Order or are located within a Conservation Area. As of this date no trees at the site are protected by a Tree Preservation Order or are within a Conservation Area.
- 3.1.3 Due to the large potential penalties for illegally carrying out work to protected trees, before authorising any tree works a further check should be made with the Local Planning Authority to confirm if any trees are covered by a Tree Preservation Order or are within a Conservation Area. If either applies, then statutory permission is required before any works can take place (unless such work is approved as part of full planning permission).
- 3.1.4 The Multi-Agency Geographical Information for the Countryside (MAGIC) website was used to search for areas of ancient woodlands listed on the Ancient Woodland (DEFRA 2021), and a check for catalogued Ancient and Veteran trees using the woodland trust ancient tree inventory (ATI) (Woodland Trust 2021). It was confirmed that there are no designated ancient woodlands or veteran or ancient trees within the survey area.
- 3.1.5 Trees provide a wide range of habitats for many species, some of which are legally protected such as bats, nesting birds, badgers and dormice. It is essential that appropriate care is taken to ensure that this legislation is not contravened.
- 3.1.6 When appointing a tree surgeon, only properly qualified and experienced companies should be used, who have adequate Public Liability and Employer's Liability Insurance.
- 3.1.7 All tree work should be carried out according to British Standard 3998:2010 Tree Work - Recommendations.

## **3.2 Tree Survey Results**

- 3.2.1 The tree survey revealed 15 items of woody vegetation, comprised of 6 individual trees and 9 tree groups or hedges.
- 3.2.2 Of the surveyed trees: 1 tree is retention category 'B', and 14 trees are retention category 'C', (explanatory details regarding the retention categories are included at Appendix 3).



- 3.2.3 Full details of the surveyed trees, tree groups and hedges are provided in the attached tree data schedule at Appendix 4. General comments are provided below:
- 3.2.4 The significant tree cover within the site is concentrated on the southwestern boundary, where there is a mixed species group of semi-mature trees.
- 3.2.5 Much of the site contains little of arboricultural significance, having been under agricultural use in the recent past.
- 3.2.6 Species diversity at the site is relatively good. There is a range of species making up the tree group along the southwestern boundary, including Sycamore, Beech and Cherry and a managed group of Cypress. Field boundaries are predominantly Hawthorn hedges.
- 3.2.7 Most of the trees are semi-mature with only a single mature tree, a Sycamore, T2.
- 3.2.8 G3 collectively provides good screening between the road and the site and is therefore of moderate amenity value.
- 3.2.9 Within G3 are two individual trees, T2, a Sycamore, and T15, a Beech. These are the largest two trees on site with good long-term prospects and provide moderate amenity value.
- 3.2.10 Most trees and tree groups are of low value and should not pose any significant constraint on the development potential of the site.
- 3.2.11 Some trees were covered in dense ivy or were inaccessible (as detailed in Appendix 4). In such cases measurements were estimated and the condition values are indicative only.
- 3.2.12 The tree Root Protection Area (RPA) for each tree has been plotted as a polygon centred on the base of the stem. Due to the presence of roads, structures, topography (and past tree management) the RPA is likely to be a simplified representation of the tree roots actual morphology and disposition. However, detailed modifications to the shape of the RPA would largely be based on conjecture and so have been avoided.
- 3.2.13 Some lower value tree, hedge and shrub groups do not have RPAs detailed on tree plans. The detailed extent and spread of these low value groups, in conjunction with the tree schedule, is sufficient to assess the associated potential constraints.

## Photographs

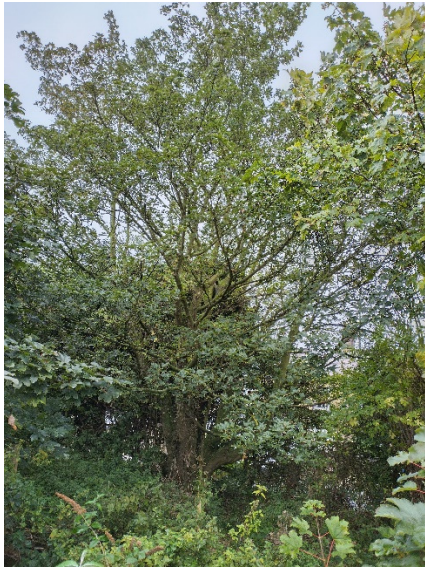


Photo 1: T2 from south east



Photo 2: G3 from southeast



Photo 3: T15 on edge of group (G3) from east



Photo 4: T4, T6 and T7 and G5 from south



Photo 5: T14 from west



Photo 6: G3 from west



## 4. Arboricultural Impact Assessment

### 4.1 Proposed New Development

4.1.1 It is proposed to build a new residential development with associated access, parking, landscaping and facilities. The development proposals have been provided by my client and inform this arboricultural impact assessment and the Tree Impacts Plan at Appendix 6.

### 4.2 Direct Impacts

4.2.1 From assessing the new development proposals, 6 trees, 2 tree groups and 1 hedge will require removal to facilitate the development as they are situated in the footprint of the development or their retention and protection throughout the development is not suitable.

4.2.2 The trees that require removal to facilitate the development are T2, T4, T6, T7, T14 and T15.

4.2.3 The tree groups that require removal to facilitate the development are G1 and G3.

4.2.4 The hedge that requires removal to facilitate the development is G5.

4.2.5 Most of the trees, tree groups and hedges to be removed are lower value, retention category 'C'. As such their removal will have only a negligible negative arboricultural impact and new planting will be able to mitigate their removal.

4.2.6 G1 is a linear group of Leylandii with low amenity value.

4.2.7 G3 is a boundary group of mostly semi-mature Cherry and Beech with moderate amenity value but limited long term prospect due to the density of the group.

4.2.8 T4 and T7, both Willows, and T6, a Cypress are all trees with low amenity value close to or within the boundary hedge G5.

4.2.9 T14, a semi-mature Cherry, and T15, a semi-mature Beech, are both moderate amenity value but are both constrained by their growing environments. T14 is immediately adjacent to a stone wall and has a poor rooting environment with compaction and ground level changes. T15 has better long-term prospects but encroaches over the road and pavement.

4.2.10 T2 is a mature Sycamore with some structural defects, yet with reasonable long-term prospects and is retention category B. The removal of T2 will have a short-term moderate negative arboricultural impact. Mitigation planting will help mitigate this impact.



- 4.2.11 G5 is a mixed species field-boundary hedge. Whilst it provides screening from the road and good wildlife habitat it is of low amenity value.
- 4.2.12 1 hedge, G11, requires partial removal to facilitate development. 3 short sections will be removed, 1 at each end and 1 in the middle, leaving the majority of the hedge intact providing screening and good wildlife habitat.

### **4.3 Indirect Impacts**

- 4.3.1 The tree Root Protection Area (RPA) detailed on the Tree Plans at Appendices 5 and 6, has been used as a layout design tool, to inform on the area around a tree where the protection of the roots and soil structure is treated as a priority. As such, no significant negative indirect impacts have been identified.
- 4.3.2 The buildability of the proposed development has been assessed in terms of access, adequate working space and provision for the storage of materials, including topsoil, in relation to the trees.

### **4.4 Suitable Mitigation**

- 4.4.1 The development of the site provides an excellent opportunity to undertake new tree planting throughout the site as part of a soft landscaping scheme. As such, suitable new tree planting has the potential to mitigate for the required tree removals and, in the longer term, has the potential to improve the sites tree cover.

### **4.5 Protection of the Retained Trees**

- 4.5.1 The retained trees will require protection by fencing in accordance with BS 5837: 2012, during the development phase.
- 4.5.2 An associated Arboricultural Method Statement, detailing protective fencing specifications and construction methods close to the retained trees has been provided.

## 5. Signature

I trust this report provides all the required information.

Signed



.....  
**Adam Winson**, Chartered Arboriculturist, MSc, BSc (Hons), MICFor, ACIEEM

**13<sup>th</sup> February 2024**

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Chartered Foresters  
Registered Consultant

# Appendices

**Appendix 1: Authors Qualifications and Experience**

**Appendix 2: Survey Methodology and Limitations**

**Appendix 3: Explanation of Tree Descriptions**

**Appendix 4: Tree Data**

**Appendix 5: Tree Constraints Plan**

**Appendix 6: Tree Impacts Plan**

## Appendix 1: Authors Qualifications & Experience

### **Adam Winson, Chartered Arboriculturist, MSc, BSc (Hons), MICFor, MArborA, ACIEEM, QTRA Registered**

Adam is the company Director and Principal Consultant. He has a mix of the highest-level academic qualifications and relevant work experience. He has worked within the tree care profession for over 20 years and was awarded an MSc in Arboriculture and Urban Forestry, with distinction. Adam is a Chartered Arboriculturist and a Registered Consultant with the Institute of Chartered Foresters, a Professional Member of the Arboricultural Association and he has original research published by the UK Forestry Commission. His work ranges from individual expert tree inspections to managing trees on major infrastructure projects. His work often involves trees with preservation orders or litigation, and he has appeared as a tree expert, at planning appeal hearings up to the crown court. Adam also regularly undertakes locum Tree Officer work for several Local Planning Authorities.

### **James Brown, BSc (Hons) Arboriculture, MArborA, PTI (Lantra), QTRA Registered**

James is a highly experienced and qualified Arboricultural Consultant. He has a BSc (Hons) in Arboriculture, attaining first class honours, as well as being awarded the Institute of Chartered Foresters student award. He is a Professional Member of the Arboricultural Association, an Associate of the Institute of Chartered Foresters, and he is working towards becoming a Chartered Arboriculturist. James joined AWA in 2016, he has many years' experience as an Arboricultural Consultant, he previously worked in Europe's largest container tree nursery and he has experience of local authority Tree Officer work.

### **James Godfrey, BA (Hons), FdSc Arboriculture and Tree Management, TechArborA, PTI (Lantra), QTRA Registered**

James has had extensive arboricultural experience working as an arborist within the public and private sector. While working at AWA, James completed his FdSc in Arboriculture and Tree Management, graduating with a distinction and was also awarded for achieving the highest overall mark in his year. James has used his arboricultural knowledge to inform and carry out accurate tree surveys and produce detailed reports that aim to balance appropriate tree retention with the requirements of landowners.

### **Joe Thomas, MSci Biology, Award L4 Arboriculture, TechArborA, QTRA Registered**

Joe achieved a first class degree in Biology with an integrated Masters (MSci) from the University of Sheffield. Additionally, he has a Level 4 Award in Arboriculture. Joe joined AWA after an Urban Forestry role with the Sheffield and Rotherham Wildlife Trust and Sheffield City Council, where he gained a variety of experience in different aspects of the arboriculture sector.

### **Lucy Garbutt, MSc Animal Behaviour, BSc (Hons) Biology, CIEEM membership**

Lucy graduated with a masters degree in Animal Behaviour from the UK's highest rated university, St Andrews of Scotland, immediately following the completion of her BSc degree in Biology from Lancaster University. Lucy has experience in botany and plant science and moved into arboriculture after previous experience of protected species and botanical surveys with a large environmental consulting company.

### **Sophie Beckerman, BA (Hons), Dip Arboriculture Level 4, TechArborA**

Sophie has more than 10 years' experience as an arborist, working for a variety of private companies as well as undertaking tree management with Sheffield City Council Ranger Service and The Wildlife Trust. Her expertise in arboriculture is demonstrated in the practical NPTC qualifications gained, and her excellent knowledge is reflected in the L4 diploma in Arboriculture, which she completed while working. Her roles as a climbing arborist and team leader included estimating for jobs and project management, supervising tree contracting teams - ensuring that work is carried out safely and efficiently and that health and safety standards are adhered to, and risk assessments are carried out.



## Appendix 2: Survey Methodology and Limitations

The survey was undertaken in accordance with British Standard 5837:2012 *Trees in relation to design, demolition and construction – Recommendations*. The trees were assessed objectively and without reference to any proposed site layout. The trees were surveyed from the ground using ‘Visual Tree Assessment’ (VTA) methodology. VTA is appropriate and is endorsed by industry guidance. It is used by arboriculturists to evaluate the structural integrity of a tree, relying on observation of trees biomechanical and physiological features. Measurements are obtained using a diameter tape, clinometer, laser distometer and loggers tape. Where this is not practical measurements are estimated. Tree groups have been identified in instances as defined in BS 5837:2012. Shrubs and insignificant trees may have been omitted from the survey.

This report represents a BS 5837:2012 tree survey and should not be accepted as a detailed tree safety inspection report; however, tree related hazards are recorded and commented upon where observed, yet no guarantee can be given as to the absolute safety or otherwise of any individual tree. All recommended tree work must be to BS 3998:2010 - ‘*Tree Work: Recommendations*’.

The findings and recommendations contained within this report are valid for a period of twelve months from the date of survey. The author shall not be responsible for events which happen after this time due to factors which were not apparent at the time, and the acceptance of this report constitutes an agreement with these guidelines and terms.

## Appendix 3: Explanation of Tree Descriptions

**HEIGHT** of the tree is measured from the stem base in metres. Where the ground has a significant slope the higher ground is selected.

**CROWN HEIGHT** is an indication of the average height at which the crown begins.

**STEM DIAMETER** is measured at 1.5 metres above (higher) ground level. Where the tree is multi-stemmed at this point; the diameter is measured close to ground level or else a combined stem diameter is calculated.

**CROWN SPREAD** is measured from the centre of the stem base to the tips of the branches in all four cardinal points.

**AGE CLASS** of the tree is described as young, semi-mature, early-mature, mature, or over-mature.

**PHYSIOLOGICAL CONDITION** is classed as good, fair, poor, or dead. This is an indication of the health of the tree and takes into account vigour, presence of disease and dieback.

**STRUCTURAL CONDITION** is classed as good, fair or poor. This is an indication of the structural integrity of the tree and takes into account significant wounds, decay and quality of branch junctions.

**LIFE EXPECTANCY** is classed as; less than 10 years, 10-20 years, 20-40 years, or more than 40 years. This is an indication of the number of years before removal of the tree is likely to be required.

### Retention Categories

**A (marked in green on Appendix 5) = retention most desirable.** These trees are of very high quality and value with a good life expectancy.

**B (marked in blue on Appendix 5) = retention desirable.** These trees are of good quality and value with a significant life expectancy.

**C (marked in grey on Appendix 5) = trees which could be retained.** These trees are of low or average quality and value, and are in adequate condition to remain until new planting could be established.

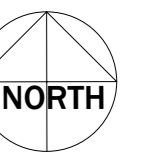
**U (marked in red on Appendix 5) = trees unsuitable for retention.** These trees are in such a condition that any existing value would be lost within 10 years.

| Tree ID | Tree Species                |   | Maturity    | Measurements |       |                    |           | Crown (m)    |           |     |     | Tree Condition |   |  |                               | Value   |               | Management |                 |          |          |  |
|---------|-----------------------------|---|-------------|--------------|-------|--------------------|-----------|--------------|-----------|-----|-----|----------------|---|--|-------------------------------|---|---------------|------------|-----------------|----------|----------|--|
|         | Common Name                 | Latin Name  |             | Height (m)   | Stems | Stem Diameter (mm) | Estimated | Crown height | N         | E   | S   | W              | Roots   | Stem   | Crown                         | Comments  | Physiological | Structural | Life Expectancy | Amenity  | Category | Works  |
| G1      | Leyland Cypress             | <i>Cupressus x leylandii</i>                              | Semi-mature | 7            | 10    | 100                | Yes       | 0.5          | See plans |     |     |                | Boundary group of leylandii approx 5 m wide, trimmed on road side, extending 1 m beyond fence. Dense undergrowth prevented detailed inspection  |  |                               |   | Fair          | Fair       | 20 to 40 yrs    | Low      | C        | Removal required to facilitate the development |
| T2      | Sycamore                    | <i>Acer pseudoplatanus</i>                                | Mature      | 15           | 6     | 350                | Yes       | 1            | 7.5       | 6.5 | 6.5 | 7              | Exposed roots. Girdled roots  | Multiple stemmed. at base. Old pruning wounds. Stubs. Tight union. Partially included bark. Cup-like union collecting dirt/water. Minor cavities | Minor deadwood                | Overhanging road and pavement to northwest. Large union with included bark at base holding water. | Good          | Fair       | >40 yrs         | Moderate | B        | Removal required to facilitate the development |
| G3      | Cherry                      | <i>Prunus avium</i>                                       | Semi-mature | 14           | 10    | 200                | Yes       | 1            | See plans |     |     |                | Boundary group of mostly Cherry and Beech, with occasional Sycamore and Willow and some smaller Hawthorn. Good screening between site and road/houses. Overhanging adjacent footpath. Dense undergrowth prevented detailed inspection |  |                               |   | Fair          | Fair       | 20 to 40 yrs    | Moderate | C        | Removal required to facilitate the development |
| T4      | Willow                      | <i>Salix sp.</i>  | Semi-mature | 10           | 1     | 250                | No        | 0.5          | 5         | 4   | 3   | 4              | Limited access around base  | Single stemmed. Vertical. Stubs. Minor cavities  | Minor deadwood. Minor dieback | Undergrowth prevented detailed inspection of base and stem. Overhangs pavement to northwest       | Fair          | Fair       | 20 to 40 yrs    | Low      | C        | Removal required to facilitate the development |
| G5      | Hawthorn, Elder, Blackthorn | <i>Crataegus monogyna, Sambucus nigra, Prunus spinosa</i> | Semi-mature | 3.5          | 10    | 80                 | Yes       | 0            | See plans |     |     |                | Managed boundary hedge. Mostly Hawthorn, occasional Elder and Blackthorn. Road to west.   |  |                               |   | Fair          | Fair       | 20 to 40 yrs    | Low      | C        | Removal required to facilitate the development |

| Tree ID | Tree Species                |   | Maturity    | Measurements |       |                    |           | Crown (m)    |           |     |     | Tree Condition |  |                          |                               | Value  |               | Management |                 |         |          |   |
|---------|-----------------------------|---|-------------|--------------|-------|--------------------|-----------|--------------|-----------|-----|-----|----------------|--|--------------------------|-------------------------------|--|---------------|------------|-----------------|---------|----------|---|
|         | Common Name                 | Latin Name  |             | Height (m)   | Stems | Stem Diameter (mm) | Estimated | Crown height | N         | E   | S   | W              | Roots  | Stem                     | Crown                         | Comments   | Physiological | Structural | Life Expectancy | Amenity | Category | Works   |
| T6      | Cypress                     | <i>Cupressus sp.</i>                                      | Young       | 7            | 1     | 100                | Yes       | 1            | 1.5       | 1.5 | 1.5 | 1.5            | Limited access around base   | Single stemmed. Vertical | Normal                        | Single Cypress growing within hedge. Visibility largely obscured by hedge and undergrowth. Plotted approximately | Good          | Fair       | 20 to 40 yrs    | Low     | C        | Removal required to facilitate the development  |
| T7      | Willow                      | <i>Salix sp.</i>  | Semi-mature | 7            | 1     | 300                | No        | 1            | 4         | 4   | 4   | 4              | Limited access around base   | Single stemmed. Vertical | Minor deadwood. Minor dieback | Undergrowth prevented detailed inspection of base and stem. Overhangs pavement to northwest                      | Fair          | Fair       | 20 to 40 yrs    | Low     | C        | Removal required to facilitate the development  |
| G8      | Hawthorn, Elder, Blackthorn | <i>Crataegus monogyna, Sambucus nigra, Prunus spinosa</i> | Semi-mature | 3.5          | 10    | 80                 | Yes       | 0            | See plans |     |     |                | Managed boundary hedge. Mostly Hawthorn, occasional Elder and Blackthorn.                                      |                          |                               |  | Fair          | Fair       | 20 to 40 yrs    | Low     | C        | No works required   |
| G9      | Hawthorn, Elder, Blackthorn | <i>Crataegus monogyna, Sambucus nigra, Prunus spinosa</i> | Semi-mature | 3.5          | 10    | 80                 | Yes       | 0            | See plans |     |     |                | Managed boundary hedge. Mostly Hawthorn, occasional Elder and Blackthorn.                                      |                          |                               |  | Fair          | Fair       | 20 to 40 yrs    | Low     | C        | No works required   |
| G10     | Hawthorn, Elder, Blackthorn | <i>Crataegus monogyna, Sambucus nigra, Prunus spinosa</i> | Semi-mature | 7            | 10    | 100                | Yes       | 0            | See plans |     |     |                | Unmanaged boundary hedge. Mostly Hawthorn, occasional Elder and Blackthorn. On raised banking                  |                          |                               |  | Fair          | Fair       | 20 to 40 yrs    | Low     | C        | No works required   |
| G11     | Hawthorn, Elder, Blackthorn | <i>Crataegus monogyna, Sambucus nigra, Prunus spinosa</i> | Semi-mature | 1.8          | 10    | 80                 | Yes       | 0            | See plans |     |     |                | Managed boundary hedge between two fields. Mostly Hawthorn, occasional Elder and Blackthorn. Recently trimmed. |                          |                               |  | Fair          | Fair       | 20 to 40 yrs    | Low     | C        | Partial removal required to facilitate the development: Remove 3 sections of hedge to enable creation of access roads |



| Tree ID | Tree Species                |   | Maturity    | Measurements |       |                    |           | Crown (m)    |           |   |   | Tree Condition |   |      |       | Value    |               | Management |                 |         |          |                   |
|---------|-----------------------------|---|-------------|--------------|-------|--------------------|-----------|--------------|-----------|---|---|----------------|---|------|-------|----------|---------------|------------|-----------------|---------|----------|-------------------|
|         | Common Name                 | Latin Name  |             | Height (m)   | Stems | Stem Diameter (mm) | Estimated | Crown height | N         | E | S | W              | Roots   | Stem | Crown | Comments | Physiological | Structural | Life Expectancy | Amenity | Category | Works             |
| G12     | Hawthorn, Elder, Blackthorn | <i>Crataegus monogyna</i> ,<br><i>Sambucus nigra</i> ,<br><i>Prunus spinosa</i> | Semi-mature | 2.5          | 10    | 80                 | Yes       | 0            | See plans |   |   |                | Managed boundary hedge. Mostly Hawthorn, occasional Elder and Blackthorn. Recently trimmed. |      |       |          | Fair          | Fair       | 20 to 40 yrs    | Low     | C        | No works required |
| G13     | Hawthorn, Elder, Blackthorn | <i>Crataegus monogyna</i> ,<br><i>Sambucus nigra</i> ,<br><i>Prunus spinosa</i> | Semi-mature | 2            | 10    | 80                 | Yes       | 0            | See plans |   |   |                | Managed boundary hedge. Mostly Hawthorn, occasional Elder and Blackthorn. Recently trimmed. |      |       |          | Fair          | Fair       | 20 to 40 yrs    | Low     | C        | No works required |



**Appendix 5:  
Tree Constraints Plan**

Main Street, Great Houghton, Barnsley S72 0AZ  
Ref AWA5841

BRITISH STANDARD 5837:2012  
RETENTION CATEGORIES  
Definitions of these categories can be  
found in Appendix 2 of the report.

SCALE: 1:500

PAPER: A1

|  |  |
|--|--|
|  | CATEGORY A: HIGH VALUE<br>RETENTION MOST DESIRABLE |
|  | CATEGORY B: MODERATE VALUE<br>RETENTION DESIRABLE  |
|  | CATEGORY C: LOWER VALUE<br>COULD BE RETAINED       |
|  | CATEGORY U:<br>UNSUITABLE FOR RETENTION            |
|  | RPA: ROOT PROTECTION AREA                          |
|  | TREE STEM  |









**Appendix 6:  
Tree Impacts Plan**

Main Street, Great Houghton, Barnsley S72 0AZ  
Ref AWA5841

BRITISH STANDARD 5837:2012

SCALE: 1:500

PAPER: A1

|   |   |
|---|---|
|  | TREE/ TREE GROUP/ HEDGE<br>TO BE RETAINED |
|  | TREE/ TREE GROUP/ HEDGE<br>TO BE REMOVED  |
|  | RPA: ROOT PROTECTION AREA                 |
|  | TREE STEM                                 |