## Arboricultural

## Impact

## Assessment |AIA|

## July 2022

Farington Cricket facility (Lancashire County Cricket Club) Woodcock Estate
Farington

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\begin{array}{lllll}
U & R & B & A & N \\
G & R & E & E & N
\end{array}
$$

## QUALITY MANAGEMENT

| Project No.: | UG1016 |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Project: | Farington Cricket Facility (Lancashire County Cricket Club) |  |  |  |
| Location: | Woodcock Estate, Farington |  |  |  |
| Title: | Arboricultural Impact Assessment |  |  |  |
| Document Type: | BS 5837 |  |  |  |
| Date: | 13/01/21 |  |  |  |
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| Revision Status: |  |  |  |  |
| Rev: | Date: | Issue/Purpose/ Comment: | Prepared: | Checked: |
| 01 | 16/02/22 | Client comments | EA | AB |
| 02 | 08/03/22 | Redline boundary | EA | AB |
| 03 | 25/05/22 | Redline boundary | EA | AB |
| 04 | 20/0722 | Proposal Update | AB | RH |
| 05 | 21/0722 | Proposal Update | AB | RH |

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## 1. Executive Summary

1.1.1. Urban Green has been instructed by Eric Wright to carry out an Arboricultural Survey to British Standard 5837:2012 guidelines at Land Off Woodstock Estate, Lostock Hall, Preston, PR5 5XT and produce our findings in a report.
1.1.2. It is proposed to develop a Cricket Facility comprising 2No. cricket ovals and associated pavilion building and spectator seating, covered cricket nets, access, parking, landscaping and associated works (including temporary event overlay facilities on ticketed match days). Full details of the proposed site layout can be seen on the plans included in Appendix 4.
1.1.3. The proposed development necessitates the removal of 20 trees, 5 hedges and parts of 2 hedges and 1 group within the site boundary.
1.1.4. Before any tree works are carried out trees should first be assessed for their suitability for protected species by a suitably qualified and experienced ecologist.
1.1.5. Tree protection fencing, and ground protection will need to be installed at the alignment shown on the Tree Protection Plan in Appendix 4 before any construction activity takes place.
1.1.6. Cellular confinement will be required in the construction of the road within the RPA of T59.
1.1.7. Information regarding the layout of new utilities should be submitted to the Arboricultural Consultant so that the impact of these on the retained trees can be assessed.

## 2. Introduction

### 2.1. Instructions and references

2.1.1. We have been instructed by Eric Wright to carry out an Arboricultural Impact Assessment (AIA) in accordance with BS 5837:2012 Trees in relation to design, demolition and construction - Recommendations at the site location and produce our findings in a report to be submitted with a detailed planning application.
2.1.2. All trees, regardless of their statutory status, are a material consideration in a planning application. BS 5837 recognises the potential conflict between trees and development. The standard sets out to assist those concerned with trees in relation to construction and aid with decision making. This is achieved by providing impartial and balanced information on trees and their potential impacts.
2.1.3. Due to the size and nature of the site, it was decided that the survey methodology would include broadly grouping trees that share very similar characteristics. This method is in line with point 4.4.2.3 of BS 5837:2012 that states 'Trees forming groups...should be identified and considered as groups where the arboriculturist determines that this is appropriate... It may be appropriate to assess the quality and value of trees as a whole, rather than individuals.'
2.1.4. The site is located in the area shown in Figure 1. The OS Grid Reference is SD 54745 24818


Figure 1 - Site Location Plan

### 2.2. Scope

2.2.1. The AIA takes into account any potential impacts on existing trees including the effect of any tree loss required to implement the design and recommendations for the establishment of new trees.
2.2.2. The AIA will also assess any potentially damaging activities proposed in the vicinity of retained trees and the effect that the retained trees may have on the development such as potential nuisance caused by excessive leaf/fruit litter, lighting levels and potential damage to structures.

### 2.3. Documents provided

2.3.1. A scaled plan has been provided with tree positions already plotted. Any extra trees found on site that were not included on the original plan have been plotted according to measurements taken on site and/or using aerial photography.
2.3.2. Tree locations which have been estimated are illustrated on the Tree Protection Plan in Appendix 4. The exact locations of these trees must be verified, and any discrepancies discussed with the Arboricultural Consultant before starting works on site.
2.3.3. A plan outlining the development proposals has been overlaid with the Tree Constraints Plan in order to assess the potential impacts.

### 2.4. Limitations

2.4.1. The report is based upon a visual inspection. The consultant shall not be responsible for events that happen after the date of the report due to factors that were not apparent at the time, and the acceptance of this report constitutes an agreement with the guidelines and the terms listed in this report.
2.4.2. The consultant accepts no liability in respect of the trees unless the recommendations of this report are carried out under his supervision.
2.4.3. Assessing the potential influence of trees upon load bearing soils, beneath existing and proposed structures resulting from water abstraction by trees or rehydration of shrinkable soils was not included in the contract brief and is therefore not considered in the report. The consultant cannot be held responsible for damage arising from such action.
2.4.4. Trees are living organisms whose health, condition and structure can change over time. The contents of this report are valid for a period of two years from the date of the report.
2.4.5. Potentially hazardous trees are highlighted, and appropriate recommendations are made. However, this report is not a substitute for a full tree risk assessment or management plan which are specifically designed to minimise risk and liability associated with responsibility for trees.

## 3. Legislation

### 3.1. Tree protection status

3.1.1. A Tree Preservation Order (TPO) is an order made by a Local Authority to protect specific trees, groups of trees or woodlands in the interests of amenity. A TPO prohibits the cutting down, topping, lopping, uprooting and wilful damage or destruction of trees without the Local Authority's written consent.
3.1.2. The site contains a TPO- No 12021 Farington Smallholdings, Farington, South Ribble Council. The TPO covers trees T9-T13, T15-T23, G31, G32, G36, T37, T39, T59-T67 and T69 within this survey.
3.1.3. It is recommended that the Local Authority is consulted before any tree works are undertaken, as new TPOs may have been created since the time of enquiry, and heavy fines exist for unauthorised works to protected trees.
3.1.4. All works to trees covered by a TPO require permission from the Local Authority, including any pruning. However, this does not include trees that are dead or have become dangerous. The removal of dead branches is also excluded from a TPO. Although the above exceptions exist, it is advisable to give the Local Authority five days' notice in writing of any intended removal. Permission is not needed where tree work is required to implement an approved planning application.
3.1.5. It is an offence to remove more than $5 \mathrm{~m}^{3}$ of timber in any one calendar quarter without having first obtained a felling licence from the Forestry Commission. It must be noted, however, that this excludes sites where planning permission has already been granted.

### 3.2. Wildlife

3.2.1. Prior to the commencement of any tree works, the trees should be assessed for the presence of species which are subject to protection under Wildlife and Countryside Act 1981 (as amended) and the Conservation of Habitats and Species Regulations 2017.
3.2.2. Where there is evidence that bats, birds or other protected species are present, the advice of a suitably qualified ecologist should be sought.
3.2.3. If tree works are carried out during the bird nesting season (March to September inclusive), trees would need to be inspected by a qualified ecologist no more than 48 hours prior to the commencement works.

## 4. Arboricultural Impact Assessment |AIA|

### 4.1. Summary of the development

4.1.1. It is proposed to develop the site into a Cricket Facility comprising 2No. cricket ovals and associated pavilion building and spectator seating, covered cricket nets, access, parking, landscaping and associated works (including temporary event overlay facilities on ticketed match days). Full details of the proposed site layout can be seen on the plans included in Appendix 4.

### 4.2. Tree constraints

4.2.1. $\quad \mathrm{BS}$ 5837:2012 recognises that conflicting requirements of the planning system for development means that trees are only one factor which need to be taken into consideration. Although there may be certain specimens that can pose significant constraints to development due to their importance, it is essential that inappropriate tree retention is avoided.
4.2.2. Trees can be adversely affected on development sites if their protection is not factored into the wider project management of onsite operations. We have transposed the tree survey plan over plans detailing current proposals in order to assess the impact on surveyed trees.
4.2.3. It is essential that roots are protected from construction works including physical damage from excavation and changes in soil structure from compaction and changes in ground levels.

### 4.3. Root Protection Areas (RPAs) explained

4.3.1. The RPA is an area of ground around the base of a retained tree, which is calculated in relation to the stem diameter, where disturbance should be kept to a minimum and avoided if at all possible.
4.3.2. The majority of tree roots grow within the upper 600 mm of the soil profile where most nutrients are available as the result of the decomposition of organic matter close to the surface. Rooting conditions become less favourable at depth as the soil density increases, creating anaerobic conditions.

### 4.4. Impacts of development

4.4.1. The survey contained 3 category A trees, 37 category B trees and groups, 31 category C trees, groups and hedges and 2 category $U$ groups.
4.4.2. To facilitate the development 20 trees, 5 hedges and parts of 2 hedges and 1 group require removal of which 3 are category $A, 16$ are Category $B$ and 9 are category $C$. Replanting will be required to help mitigate this tree loss.
4.4.3. Additionally, 1 group is recommended for removal due to condition regardless of the development.
4.4.4. Of the trees that are required to be removed to facilitate the development, 19 are covered by a TPO. Permission will need to be granted to remove these. Additional planting will be required to mitigate the loss of such trees. 250 trees are to be replanted within the site.
4.4.5. A section of G 1 requires removal to facilitate the emergency access. The ownership of this group is outside the redline boundary and permission should be gained before the removal of this section.
4.4.6. Ground protection is required within the RPA of T 19 and T 59 to allow construction within the RPA of these trees while avoiding compaction. This will need to be constructed in line with section 4.7 of this document.
4.4.7. Cellular confinement will be required for the construction of the road within $\mathrm{T}_{5}$. The road will need to be built using an above ground cellular method with no excavation allowed except for a soil scrape. It will need to be constructed in accordance with section 7.4 of $\mathrm{BS}: 5837$.

### 4.5. Tree surgery works

4.5.1. Tree works that are recommended within the Tree Works Schedule (Appendix 4) are works required to facilitate development and also include details or remedial works. Tree works stated in the Tree Data Schedule (Appendix 1) are of a general maintenance nature and can be carried out at any time as per recommendations.
4.5.2. Tree works required to facilitate the development will be carried out prior to the commencement of any onsite operations. This should allow sufficient space for approved construction to be carried out.
4.5.3. Any unforeseen tree works that become apparent during the construction process will require written consent from the Local Authority Tree Officer.

### 4.6. Protective fencing

4.6.1. Temporary protective fencing will need to be installed at the alignment indicated on the Tree Protection Plan in Appendix 4, prior to the commencement of any construction activities on site including the delivery of materials and site facilities.
4.6.2. Any fencing that is damaged so that it is no longer able to protect retained trees must be replaced/repaired immediately with appropriate fencing.
4.6.3. The required specification for protective fencing is illustrated in the Tree Protection Plan (Insert 1).
4.6.4. The 'in-ground' system involves driving vertical scaffold poles approximately 0.6 m into the ground onto which are affixed horizontal scaffold poles and bracing struts. 2 m high anti-climb weldmesh panels are then wired to the scaffold framework. The vertical scaffold poles should be at a maximum of 3 m apart.
4.6.5. No fixing shall be made to any tree and all possible precautions shall be taken to prevent damage to the tree roots when locating uprights.
4.6.6. A $600 \mathrm{~mm} \times 300 \mathrm{~mm}$ warning sign reading "TREE PROTECTION AREA KEEP OUT" shall be fixed to every 10 m of protective fencing, as illustrated on the Tree Protection Plan (Insert 2).

### 4.7. Ground protection for pedestrians or light vehicles

4.7.1. The primary method of ground protection is the installation of a compressible layer (e.g. woodchip) over a geotextile fabric with side butting scaffold boards.
4.7.2. Ground protection measures whilst working the RPA must be capable of supporting the expected loads and avoid compaction of the soil.
4.7.3. The boarding will be left in place until the construction works are finished.
4.7.4. $\quad$ Scaffolding may first be erected with the uprights on spreader boards and the ground protection installed around the uprights.

### 4.8. Temporary site cabins

4.8.1. All storage facilities and deliveries will avoid the RPAs of the trees. The locations will be agreed in writing with the LPA prior to delivery and will remain in the agreed locations unless approved by the LPA.
4.8.2. If storage facilities require siting within RPAs, every effort will be made to ensure that any damage to aerial parts of retained trees is avoided and that appropriate footings are used to avoid root damage or compaction of the soil.

### 4.9. Utilities

4.9.1. At the time of writing Urban Green have not been made aware of any new utilities or service runs that will be associated with the development. Information regarding the layout of new utilities should be submitted to the Arboricultural Consultant so that the impact of these on the retained trees can be assessed.

### 4.10. Recommendations

4.10.1. An Arboricultural Method Statement (AMS) will be required to provide solutions and working methods so that the impacts identified do not have a detrimental effect on retained trees.
4.10.2. All operations that could affect trees on and adjacent to the site must be considered as part of the project management of the Proposed Development. It is therefore recommended that an Arboricultural Consultant is appointed as part of the design and management team to advise on pre-development issues and supervise on-site operations.
4.10.3. The Arboricultural Consultant may also have an advisory role in the preparation of the site including tree surgery works and the protection of trees during demolition processes.
4.10.4. The Arboricultural Consultant shall be responsible for inspecting all protective fencing prior to the commencement of all onsite activity.

## Appendix 1 - Tree Data Schedule

The following pages contain information gathered during the site survey. The reader should refer to Appendices 2 and 3 in order to correctly interpret the tree data.

| Reference <br> T= Tree <br> $G=$ Group <br> W = Woodland | Age $\&$ Species |  |  |  |  | Notes | Recommendations |  | Physiological Condition Structural Condition | Life Expectancy (yrs) <br> Retention Category | RPA Radius <br> (m) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  | Priority | $\begin{aligned} & \text { Inspect } \\ & \text { Freq (yrs) } \end{aligned}$ |  |  |  |
| G1 | Early-Mature <br> Lime <br> Tilia sp | $\begin{aligned} & \text { av } \\ & 11 \end{aligned}$ | $\begin{aligned} & \text { av } \\ & 1.5 \end{aligned}$ | $\begin{aligned} & \text { av } \\ & 550 \end{aligned}$ |  av  <br>  4  <br> 4  4 <br>  4  <br>  4  <br> each   | 1: Line of road side trees. <br> 2: Has an understory of ash. <br> 3: Acceptable clearance from road. | No actio | required. | Good <br> Good | $\begin{gathered} 40+ \\ \text { B } \end{gathered}$ | 6.60 |
| G2 | Semi-Mature <br> Ash <br> Fraxinus excelsior | $\begin{gathered} \text { av } \\ 8 \end{gathered}$ | $\begin{gathered} \text { av } \\ 1 \end{gathered}$ | $\begin{aligned} & \text { av } \\ & 150 \end{aligned}$ | $\begin{array}{llll}  & & \text { av } & \\ & 1.5 & \\ 1.5 & & 1.5 \\ & 1.5 & \\ & \text { each } & & \end{array}$ | 1: Group of 2 growing within G1. <br> 2: Suppressed by neighbouring trees. <br> 3: Signs of ash dieback. <br> 4: Reduced canopy. | Moderat | ove. <br> 1.5 | Poor <br> Fair | $\begin{gathered} <10 \\ U \end{gathered}$ | 1.80 |
| G3 | Early-Mature <br> Mixed <br> species | $\begin{gathered} \text { av } \\ 10 \end{gathered}$ | $\begin{aligned} & \text { av } \\ & 0.5 \end{aligned}$ | $\begin{aligned} & \text { av } \\ & 300 \end{aligned}$ |  av  <br> 4 4  <br> 4  4 <br>  4  <br> each   | 1: Third party trees not fully accessed. <br> 2: Mix of conifers, alder and ash. <br> 3: Canopy overhanging into site by 3-4m. | No actio n/a | required. | Good <br> Fair | $\begin{gathered} 40+ \\ \text { B } \end{gathered}$ | 3.60 |
| G4 | Semi-Mature <br> Mixed <br> species | $\begin{gathered} \text { av } \\ 4 \end{gathered}$ | $\begin{aligned} & \text { av } \\ & 0.1 \end{aligned}$ | $\begin{aligned} & \text { av } \\ & 80 \end{aligned}$ | av   <br>  1  <br> 1   <br>   1 <br>   1 <br>  each   | 1: Third party trees not fully accessed. <br> 2: Mix of ash, rowan, rose and spindle. <br> 3: Shrubby group mixed with brambles. <br> 4: Die back within some of the canopies. | No actio n/a | required. | Fair <br> Fair | $\begin{gathered} 10-20 \\ C \end{gathered}$ | 0.96 |
| G5 | Early-Mature <br> Mixed <br> species | $\begin{gathered} \text { av } \\ 10 \end{gathered}$ | $\begin{gathered} \text { av } \\ 2 \end{gathered}$ | $\begin{gathered} \text { av } \\ 300 \end{gathered}$ | $\begin{array}{ccc}  & \text { av } & \\ & 4 & \\ 4 & & 4 \\ & 4 & 4 \\ & \text { each } \end{array}$ | 1: One alder and one thuja. <br> 2: On third party land. <br> 3: Canopies merging. <br> 4: Canopies overhanging into site by 3 m . | No actio | required. | Fair <br> Good | 20-40 <br> C | 3.60 |
| H6 | Semi-Mature Hawthorn Crataegus monogyna | $\begin{gathered} \text { av } \\ 2 \end{gathered}$ | 0.1 | 100 | $\begin{array}{lll}  & 0.5 & \\ 0.5 & & 0.5 \\ & 0.5 & \end{array}$ | 1: Managed boundary hedge. <br> 2: Ditch running along to the east. | No actio n/a |  | Good <br> Good | $\begin{gathered} 40+ \\ \text { C } \end{gathered}$ | 1.20 |


| Reference <br> $T=$ Groe $H=$ Hedge <br> $\mathrm{w}=$ Woodland | Age $\&$ Species |  |  |  |  | Notes | Recommendations |  | Physiological Condition | Life Expectancy (yrs) | RPA Radius |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  | Priority | $\begin{aligned} & \text { Inspect } \\ & \text { Freq (yrs) } \end{aligned}$ | Structural Condition | Retention Category | (m) |
| T7 | Early-Mature Cherry | 12 | 3 | 350 | $\begin{array}{lll}  & 3 & \\ 4 & & 4 \end{array}$ | 1: Third party tree, no access. <br> 2: Ivy previously has been severed, evidence of the ivy suppressing the canopy. <br> 3: Reduced canopy. | No action required. |  | Fair | $20-40$ | 4.20 |
|  | Prunus sp |  |  |  |  |  | n/a | 3 | Good | C |  |
| H8 | Early-Mature <br> Hawthorn <br> Crataegus monogyna | $\begin{gathered} \text { av } \\ 1.25 \end{gathered}$ | 0.1 | 100 | $\begin{array}{lll}  & 0.5 & \\ 0.5 & & 0.5 \\ & 0.5 & \end{array}$ | 1: Managed field boundary hedge. <br> 2: Mostly hawthorn with occasional elder growing within. | No action required. |  | Good | 40+ | 1.20 |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  | n/a | 3 | Good |  |  |
| T9 | Early-Mature <br> Oak <br> Quercus petraea | 10 | 3 | 740 | $\begin{array}{cc}  & 5 \\ 5 & \\ 5 \end{array}$ | 1: Growing within hedging on top of minor ditch. <br> 2: Bifurcates at 1 m . <br> 3: Minor deadwood within canopy. | No action required. |  | Good | 40+ | 8.88 |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  | n/a | 3 | Good |  |  |
| T10 | Early-Mature <br> Oak <br> Quercus petraea | 12 | 3 | 600 |  | 1: Growing at edge of minor ditch within hedge. <br> 2: Elder growing at base. <br> 3: Minor deadwood within canopy. | No action required. |  | Good |  | 7.20 |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  | n/a | 3 | Good | B |  |
| T11 | Mature <br> Oak <br> Quercus petraea | 11 | 2 | 600 | 66 | 1: Estimated dbh growing in hedge. <br> 2: Growing on side of field ditch. <br> 3: Decay and hollowing at old pruning point. <br> 4: Deadwood throughout canopy. | No action required. |  | Good | 40+ | 7.20 |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  | n/a | 3 | Good |  |  |
| T12 | Mature Oak | 11 | 2 | 850 |  | 1: Multi stemmed from 3m. <br> 2: Growing within hedge at edge of ditch. <br> 3: Minor deadwood within canopy. <br> 4: Estimated dbh. | No action required. |  | Good |  | 10.20 |
|  | Quercus petraea |  |  |  |  |  | n/a | 3 | Good | A |  |

\begin{tabular}{|c|c|c|c|c|c|c|c|c|c|c|c|}
\hline \multirow[t]{2}{*}{\[
\begin{gathered}
\text { Reference } \\
\text { T= Tree } \\
\text { G }=\text { Group } \\
\mathrm{H}=\text { Hedge } \\
\mathrm{W}=\text { Woodland }
\end{gathered}
\]} \& \multirow[t]{2}{*}{Age \& Species} \& \multirow[t]{2}{*}{} \& \multirow[t]{2}{*}{} \& \multirow[t]{2}{*}{} \& \multirow[t]{2}{*}{\begin{tabular}{cc}
\(c\) \& \multicolumn{2}{c}{ Crown } \\
Spread (m) \\
W \& \\
\& \\
\& S
\end{tabular}} \& \multirow[t]{2}{*}{Notes} \& \multicolumn{2}{|l|}{Recommendations} \& \multirow[t]{2}{*}{\begin{tabular}{l}
Physiological \\
Condition \\
Structural Condition
\end{tabular}} \& \multirow[t]{2}{*}{\begin{tabular}{l}
Life \\
Expectancy (yrs) \\
Retention \\
Category
\end{tabular}} \& \multirow[t]{2}{*}{\begin{tabular}{l}
RPA Radius \\
(m)
\end{tabular}} \\
\hline \& \& \& \& \& \& \& Priority \& \begin{tabular}{l}
Inspect \\
Freq (yrs)
\end{tabular} \& \& \& \\
\hline T13 \& \begin{tabular}{l}
Early-Mature \\
Oak \\
Quercus petraea
\end{tabular} \& 9 \& 2 \& 550 \& \[
\begin{array}{ccc} 
\& 4 \& \\
5 \& \& 5 \\
\& 6 \&
\end{array}
\] \& \begin{tabular}{l}
1: Growing within hedge and by field ditch. \\
2: Multi stemmed from 2 m . \\
3: Estimated dbh. \\
4: Minor deadwood within canopy.
\end{tabular} \& No action

$n / a$ \& required. \& | Good |
| :--- |
| Good | \& \[

$$
\begin{gathered}
40+ \\
B
\end{gathered}
$$
\] \& 6.60 <br>

\hline H14 \& | Semi-Mature |
| :--- |
| Hawthorn |
| Crataegus monogyna | \& \[

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\begin{gathered}
\mathrm{av} \\
1
\end{gathered}
$$

\] \& 0.1 \& 100 \& \[

$$
\begin{array}{lll} 
& 0.5 & \\
0.5 & & 0.5 \\
& 0.5 &
\end{array}
$$

\] \& 1: Field boundary hedge, mainly hawthorn with occasional elder. \& | No action |
| :---: |
| n/a | \& required. \& | Good |
| :--- |
| Good | \& \[

$$
\begin{gathered}
40+ \\
C
\end{gathered}
$$
\] \& 1.20 <br>

\hline T15 \& | Early-Mature |
| :--- |
| Oak |
| Quercus petraea | \& 7 \& 2 \& 580 \& \[

$$
\begin{array}{lll} 
& 3 & \\
3 & & 5 \\
& 5 &
\end{array}
$$

\] \& | 1: Stem bifurcates at 2 m . |
| :--- |
| 2: Large wound to stem from base to 1.5 m with hollowing and decay, stem is occluding. |
| 3: Minor deadwood within canopy. |
| 4: Compaction to ground north of stem. |
| 5: Ditch to south. | \& No action

n/a \& equired.

3 \& | Good |
| :--- |
| Good | \& \[

$$
\begin{gathered}
40+ \\
B
\end{gathered}
$$
\] \& 6.96 <br>

\hline T16 \& | Early-Mature |
| :--- |
| Oak |
| Quercus petraea | \& 9 \& 2.5 \& 590 \& \[

$$
\begin{array}{ccc} 
& 6 \\
6 & & 6
\end{array}
$$

\] \& | 1: Growing within hedge and at side of field ditch. |
| :--- |
| 2: Parts of wire fence occluded into stem. |
| 3: Deadwood within canopy. |
| 4: Good wide open canopy. | \& No action

n/a \& \begin{tabular}{c}
equired. <br>
\hline 3

 \& 

Good <br>
Good

\end{tabular} \& \[

$$
\begin{gathered}
40+ \\
\mathrm{B}
\end{gathered}
$$
\] \& 7.08 <br>

\hline T17 \& | Early-Mature |
| :--- |
| Oak |
| Quercus petraea | \& 14 \& 3 \& 760 \& \[

$$
\begin{array}{lll} 
& 6 & \\
6 & & 6 \\
& 6 &
\end{array}
$$

\] \& | 1: Growing within hedge and at edge of ditch, estimated dbh. |
| :--- |
| 2: Stem growing at 45 degrees south east. |
| 3: Canopy merging with neighbouring tree. | \& No action


$n / a$ \& required. \& | Good |
| :--- |
| Good | \& \[

$$
\begin{gathered}
40+ \\
B
\end{gathered}
$$
\] \& 9.12 <br>

\hline T18 \& | Mature |
| :--- |
| Oak |
| Quercus petraea | \& 12 \& 3 \& 690 \& \[

$$
\begin{array}{ccc} 
& 6 \\
6 & & 6 \\
& 8 &
\end{array}
$$

\] \& | 1: Crack running down stem for 3 m to base. Has occluded well although likely decay underneath. |
| :--- |
| 2: Torn branch stub from previous branch failure. |
| 3: Growing within hedge and edge of ditch. |
| 4: Slight stem lean to east. | \& No action \& required. \& | Good |
| :--- |
| Good | \& \[

$$
\begin{gathered}
40+ \\
\mathrm{A}
\end{gathered}
$$
\] \& 8.28 <br>

\hline
\end{tabular}

| $\begin{aligned} & \text { Reference } \\ & \mathrm{T}=\text { Tree } \\ & \mathrm{G}=\text { Group } \\ & H=\text { Hedge } \\ & \mathrm{W}=\text { Woodland } \end{aligned}$ | Age \& Species |  |  |  | $c$ Crown  <br> Spread (m)   <br> W N  <br>  E  | Notes | Recommendations |  | Physiological Condition | Life <br> Expectancy (yrs) | RPA Radius |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  | Priority | Inspect <br> Freq (yrs) | Structural Condition | Retention <br> Category | (m) |
| T19 | Mature <br> Oak <br> Quercus petraea | 12 | 3 | 600 | $\begin{array}{lll}  & 3 & \\ 6 & & 5 \\ & 7 & \end{array}$ | 1: Bifurcates at 2m. <br> 2: Canopy bias due to suppression by neighbouring tree. <br> 3: Minor cavity beginning at base of stem between buttresses. <br> 4: Wire fence being occluded into stem. <br> 5: Thinning canopy with deadwood. | No action required. |  | Good <br> Good | $\begin{gathered} 40+ \\ B \end{gathered}$ | 7.20 |
| T20 | Over-Mature <br> Oak <br> Quercus petraea | 11 | 3 | 700 | $\begin{array}{lll}  & 6 \\ 7 & & 1 \\ & 4 & \end{array}$ | 1: Estimated dbh. <br> 2: Stem to 3 m covered in epicormic growth and burrs. <br> 3: Major deadwood throughout canopy. <br> 4: Hollowing and cavities to branches. | No action required. |  | Good <br> Fair | $\begin{gathered} 40+ \\ B \end{gathered}$ | 8.40 |
| T21 | Early-Mature <br> Oak <br> Quercus petraea | 15 | 3 | 670 | $\begin{array}{lll}  & 7 & \\ 3 & & 7 \\ & 5 & \end{array}$ | 1: Canopy merging with neighbouring tree. <br> 2: Ditch to south of stem. <br> 3: Minor deadwood within canopy. | No action required. |  | Good <br> Good | $\begin{gathered} 40+ \\ B \end{gathered}$ | 8.04 |
| T22 | Mature <br> Oak <br> Quercus petraea | 15 | 3 | 840 | $\begin{array}{lll}  & 7 & \\ 5 & & 3 \\ & 5 & \end{array}$ | 1: Canopy merging with neighbouring tree. <br> 2: Canopy in decline with die back. <br> 3: Major deadwood within canopy. | No action required. |  | Fair | 40+ | 10.08 |
| T23 | Mature <br> Oak <br> Quercus petraea | 19 | 2 | 790 | $\begin{array}{lll}  & 5 & \\ 8 & & 8 \\ & 5 & \end{array}$ | 1: Growing at edge of ditch. <br> 2: Epicormic growth in canopy branches. <br> 3: Good open canopy. | No action required. |  | Good | $40+$ | 9.48 |
| T24 | Mature <br> Ash <br> Fraxinus excelsior | 13 | 2.5 | 700 | $\begin{array}{lll}  & 6 & \\ 4 & & 6 \end{array}$ | 1: Estimated dbh. <br> 2: Heavily ivy covered stem. <br> 3: Slightly sparse canopy. <br> 4: Acceptable clearance above road. | Monitor for signs of decline. |  | Fair | $\begin{gathered} 20-40 \\ \text { B } \end{gathered}$ | 8.40 |

\begin{tabular}{|c|c|c|c|c|c|c|c|c|c|c|c|}
\hline \multirow[t]{2}{*}{\begin{tabular}{l}
Reference \\
\(\mathrm{T}=\) Tree \\
G = Group \\
\(\mathrm{H}=\) Hedge \\
W = Woodland
\end{tabular}} \& \multirow[t]{2}{*}{Age \(\&\) Species} \& \multirow[t]{2}{*}{} \& \multirow[t]{2}{*}{} \& \multirow[t]{2}{*}{} \& \[
\begin{gathered}
\text { Crown } \\
\text { Spread (m) }
\end{gathered}
\] \& \multirow[t]{2}{*}{Notes} \& \multicolumn{2}{|l|}{Recommendations} \& \multirow[t]{2}{*}{Physiological Condition Structural Condition} \& \multirow[t]{2}{*}{\begin{tabular}{l}
Life \\
Expectancy (yrs) \\
Retention Category
\end{tabular}} \& \multirow[t]{2}{*}{\begin{tabular}{l}
RPA Radius \\
(m)
\end{tabular}} \\
\hline \& \& \& \& \& \[
\begin{array}{lll}
\text { w } \& \& E
\end{array}
\] \& \& Priority \& \[
\begin{aligned}
\& \text { Inspect } \\
\& \text { Freq (yrs) }
\end{aligned}
\] \& \& \& \\
\hline H25 \& Early-Mature Hawthorn Crataegus monogyna \& \[
\begin{aligned}
\& \mathrm{av} \\
\& 1.5
\end{aligned}
\] \& 0.1 \& 100 \& \[
\left\lvert\, \begin{array}{lll} 
\& 0.5 \& \\
0.5 \& 0.5 \\
\& 0.5 \& \\
\& 0.5
\end{array}\right.
\] \& \begin{tabular}{l}
1: Managed boundary field hedge. \\
2: Mainly hawthorn with small pockets of elder.
\end{tabular} \& No actio
n/a \& required. \& \begin{tabular}{l}
Good \\
Good
\end{tabular} \& \[
\begin{gathered}
40+ \\
C
\end{gathered}
\] \& 1.20 \\
\hline T26 \& \begin{tabular}{l}
Semi-Mature \\
Purple Beech \\
Fagus sylvatica 'purpurea'
\end{tabular} \& 5 \& 2 \& 180 \&  \& \begin{tabular}{l}
1: Third party tree no access. \\
2: Estimated dbh. \\
3: Crown raised with wound occluding. \\
4: Formatively pruned.
\end{tabular} \& No actio
n/a \& required. \& \begin{tabular}{l}
Good \\
Good
\end{tabular} \& \[
\begin{gathered}
40+ \\
\text { B }
\end{gathered}
\] \& 2.16 \\
\hline H27 \& \begin{tabular}{l}
Semi-Mature \\
Hawthorn \\
Crataegus monogyna
\end{tabular} \& \[
\begin{gathered}
\mathrm{av} \\
\hline
\end{gathered}
\] \& 0.1 \& 90 \& \[
\begin{array}{lll} 
\& 0.5 \\
0.5 \& \& 0.5 \\
\& 0.5 \&
\end{array}
\] \& \begin{tabular}{l}
1: Mainly hawthorn with occasional elder. \\
2: Managed boundary hedge.
\end{tabular} \& No actio \& required. \& \begin{tabular}{l}
Good \\
Good
\end{tabular} \& \[
\begin{gathered}
40+ \\
C
\end{gathered}
\] \& 1.08 \\
\hline T28 \& \begin{tabular}{l}
Semi-Mature \\
Oak \\
Quercus petraea
\end{tabular} \& 6 \& 2 \& 320 \&  \& \begin{tabular}{l}
1: Good open canopy. \\
2: 2 lower branches dead, minor branches shaded out.
\end{tabular} \& No actio
n/a \& required. \& \begin{tabular}{l}
Good \\
Good
\end{tabular} \& \[
\begin{gathered}
40+ \\
\mathrm{B}
\end{gathered}
\] \& 3.84 \\
\hline H29 \& Semi-Mature Hawthorn Crataegus monogyna \& \[
\begin{aligned}
\& \text { av } \\
\& 1.5
\end{aligned}
\] \& 0.1 \& 90 \& \[
\begin{array}{lll} 
\& 0.5 \& \\
0.5 \& \& 0.5 \\
\& 0.5 \&
\end{array}
\] \& \begin{tabular}{l}
1: Managed boundary hedge at side of ditch. \\
2: Mainly hawthorn with occasional elder.
\end{tabular} \& No actio

n/a \& required. \& | Good |
| :--- |
| Good | \& \[

$$
\begin{gathered}
40+ \\
C
\end{gathered}
$$
\] \& 1.08 <br>

\hline G30 \& | Dead |
| :--- |
| Hawthorn |
| Crataegus monogyna | \& \[

$$
\begin{gathered}
\text { av } \\
4
\end{gathered}
$$

\] \& \[

$$
\begin{gathered}
\text { av } \\
2
\end{gathered}
$$

\] \& \[

$$
\begin{aligned}
& \text { av } \\
& 130
\end{aligned}
$$

\] \& \[

$$
\begin{array}{ccc} 
& \begin{array}{cc}
\text { av } & \\
& 2 \\
& \\
2 & \\
& 2 \\
& 2
\end{array} \\
& & \\
\text { each }
\end{array}
$$

\] \& | 1: Dead specimen. |
| :--- |
| 2: Group of two. | \&  \& | required use changes. |
| :--- |
| 3 | \& | Dead |
| :--- |
| Dead | \& \[

$$
\begin{gathered}
\text { Dead } \\
U
\end{gathered}
$$
\] \& 1.56 <br>

\hline
\end{tabular}

\begin{tabular}{|c|c|c|c|c|c|c|c|c|c|c|c|}
\hline \multirow[t]{2}{*}{\[
\begin{aligned}
\& \text { Reference } \\
\& \mathrm{T}=\text { Tree } \\
\& \mathrm{G}
\end{aligned}=\text { Group }
\]} \& \multirow[t]{2}{*}{Age \& Species} \& \multirow[t]{2}{*}{} \& \[
\underset{\text { 포 }}{\underset{\text { E }}{ }}
\] \& \multirow[t]{2}{*}{} \& Crown Spread (m) \& \multirow[t]{2}{*}{Notes} \& \multicolumn{2}{|l|}{Recommendations} \& \multirow[t]{2}{*}{\begin{tabular}{l}
Physiological Condition \\
Structural Condition
\end{tabular}} \& \multirow[t]{2}{*}{\begin{tabular}{l}
Life \\
Expectancy (yrs) \\
Retention \\
Category
\end{tabular}} \& \multirow[t]{2}{*}{\begin{tabular}{l}
RPA Radius \\
(m)
\end{tabular}} \\
\hline \& \& \& \[
\begin{aligned}
\& \stackrel{5}{3} \\
\& \text { DU }
\end{aligned}
\] \& \& W \& \& Priority \& \begin{tabular}{l}
Inspect \\
Freq (yrs)
\end{tabular} \& \& \& \\
\hline G31 \& \begin{tabular}{l}
Mature \\
Oak \\
Quercus petraea
\end{tabular} \& \[
\begin{aligned}
\& \text { av } \\
\& 15
\end{aligned}
\] \& \[
\begin{gathered}
\mathrm{av} \\
2
\end{gathered}
\] \& \[
\begin{gathered}
\text { av } \\
700
\end{gathered}
\] \& \[
\begin{array}{ccc} 
\& \begin{array}{c}
\text { av } \\
\\
6
\end{array} \& 6 \\
\& 6 \& 6 \\
\& 6 \& \\
\hline
\end{array}
\] \& \begin{tabular}{l}
1: Estimated dbh as on other side of ditch. \\
2: Growing on side of ditch with roots running along parallel to ditch. \\
3: Canopy overhanging into neighbouring land. \\
4: Deadwood within canopy.
\end{tabular} \& No acti

n/a \& \begin{tabular}{|c}
required. <br>
\hline 3

 \& 

Good <br>
Good

\end{tabular} \& \[

$$
\begin{gathered}
40+ \\
\text { B }
\end{gathered}
$$
\] \& 8.40 <br>

\hline G32 \& | Early-Mature |
| :--- |
| Mixed |
| species | \& \[

$$
\begin{gathered}
\mathrm{av} \\
6
\end{gathered}
$$

\] \& \[

$$
\begin{aligned}
& \text { av } \\
& 0.1
\end{aligned}
$$

\] \& \[

$$
\begin{gathered}
\text { av } \\
150
\end{gathered}
$$

\] \& \[

$$
\begin{array}{ccc} 
& \begin{array}{c}
\text { av } \\
\\
2
\end{array} & \\
2 & 2 \\
& 2 & \\
\text { each }
\end{array}
$$

\] \& | 1: Mix of oak, lapsed hawthorn hedge, ash and cherry. |
| :--- |
| 2: Growing on southern side of ditch. |
| 3: Ivy on majority of stems. |
| 4: Deadwood within canopies. | \& No acti

n/a \& \begin{tabular}{|c}
required. <br>
\hline 3

 \& 

Good <br>
Fair

\end{tabular} \& \[

20-40
\] \& 1.80 <br>

\hline G33 \& | Early-Mature |
| :--- |
| Elder |
| Sambucus nigra | \& \[

$$
\begin{gathered}
\mathrm{av} \\
3
\end{gathered}
$$

\] \& \[

$$
\begin{aligned}
& \text { av } \\
& 0.1
\end{aligned}
$$

\] \& \[

$$
\begin{gathered}
\text { av } \\
120
\end{gathered}
$$

\] \& \[

$$
\begin{array}{ccc} 
& \begin{array}{c}
\text { av } \\
\\
\\
2
\end{array} & \\
2 & & 2 \\
& 2 & \\
\text { each }
\end{array}
$$

\] \& | 1: Elder group running along northern edge of ditch. |
| :--- |
| 2: Canopies merging. | \& No acti

n/a \& \begin{tabular}{c}
required. <br>
\hline <br>
\hline 3

 \& 

Fair <br>
Fair

\end{tabular} \& \[

$$
\begin{gathered}
20-40 \\
C
\end{gathered}
$$
\] \& 1.44 <br>

\hline H34 \& | Early-Mature |
| :--- |
| Hawthorn |
| Crataegus monogyna | \& \[

$$
\begin{gathered}
\mathrm{av} \\
1
\end{gathered}
$$

\] \& 0.1 \& 80 \& \[

$$
\begin{array}{lll} 
& 0.5 & \\
0.5 & & 0.5 \\
& 0.5 &
\end{array}
$$

\] \& | 1: Partially managed boundary hedge. |
| :--- |
| 2: Loss of section of hedge. | \& No acti

n/a \& \begin{tabular}{|c}
required. <br>
\hline 3

 \& 

Fair <br>
Good

\end{tabular} \& \[

$$
\begin{gathered}
40+ \\
C
\end{gathered}
$$
\] \& 0.96 <br>

\hline G35 \& | Mature |
| :--- |
| Ash |
| Fraxinus excelsior | \& \[

$$
\begin{aligned}
& \mathrm{av} \\
& 14
\end{aligned}
$$

\] \& \[

$$
\begin{gathered}
\mathrm{av} \\
2
\end{gathered}
$$

\] \& \[

$$
\begin{gathered}
\text { av } \\
700
\end{gathered}
$$

\] \& \[

$$
\begin{array}{ccc} 
& \begin{array}{cc}
\text { av } & \\
& 6 \\
4 & \\
4 & \\
4 & \\
\hline
\end{array} & 4 \\
\text { each }
\end{array}
$$

\] \& | 1: Growth along side of ditch with fencing being occluded into stem. |
| :--- |
| 2: Ivy covering stem. |
| 3: Viable roots running along top of ditch. |
| 4: Decline in canopies with reduced vitality. | \& Low \& itor. $\begin{array}{r} \\ \hline 3\end{array}$ \& | Fair |
| :--- |
| Fair | \& \[

20-40
\] \& 8.40 <br>

\hline G36 \& | Mature |
| :--- |
| Oak |
| Quercus petraea | \& \[

$$
\begin{aligned}
& \mathrm{av} \\
& 16
\end{aligned}
$$

\] \& \[

$$
\begin{gathered}
\mathrm{av} \\
2
\end{gathered}
$$

\] \& \[

$$
\begin{gathered}
\text { av } \\
700
\end{gathered}
$$

\] \& \[

$$
\begin{array}{ccc} 
& \begin{array}{c}
\text { av } \\
\\
6
\end{array} & 6 \\
& 6 & 6 \\
& 6 & \\
& \text { each }
\end{array}
$$

\] \& | 1: Estimated dbh. |
| :--- |
| 2: Growing behind fence, partly occluded into stem and at top of ditch. |
| 3: Deadwood within canopies. |
| 4: Good open canopies. |
| 5: Evidence of hollowing at base of stem by ditch. | \& Low \& itor.

\[
3

\] \& | Good |
| :--- |
| Good | \& \[

$$
\begin{gathered}
40+ \\
B
\end{gathered}
$$
\] \& 8.40 <br>

\hline
\end{tabular}

\begin{tabular}{|c|c|c|c|c|c|c|c|c|c|c|c|}
\hline \multirow[t]{2}{*}{\begin{tabular}{l}
Reference \\
\(\mathrm{T}=\mathrm{Tree}\) \\
\(G=\) Group \\
\(H=\) Hedge
\(W=\) Woodland \\
W \(=\) Woodland
\end{tabular}} \& \multirow[t]{2}{*}{Age \& Species} \& \multirow[t]{2}{*}{} \& \multirow[t]{2}{*}{\[
\]} \& \multirow[t]{2}{*}{} \& \multirow[t]{2}{*}{\begin{tabular}{cc}
\multicolumn{2}{c}{ Crown } \\
Spread \& \((m)\) \\
W \& \\
\& S
\end{tabular}} \& \multirow[t]{2}{*}{Notes} \& \multicolumn{2}{|l|}{Recommendations} \& \multirow[t]{2}{*}{Physiological Condition Structural Condition} \& \multirow[t]{2}{*}{\begin{tabular}{l}
Life \\
Expectancy (yrs) \\
Retention Category
\end{tabular}} \& \multirow[t]{2}{*}{\begin{tabular}{l}
RPA Radius \\
(m)
\end{tabular}} \\
\hline \& \& \& \& \& \& \& Priority \& Inspect Freq (yrs) \& \& \& \\
\hline T37 \& \begin{tabular}{l}
Early-Mature \\
Oak \\
Quercus petraea
\end{tabular} \& 12 \& 2 \& 350 \&  \& \begin{tabular}{l}
1: Estimated dbh. \\
2: Canopy overhanging into neighbouring land. \\
3: Canopy merging with neighbouring trees. \\
4: Growing on top of ditch. \\
5: Acceptable condition currently.
\end{tabular} \& \begin{tabular}{c} 
No acti \\
\hline n/a
\end{tabular} \& required. \& \begin{tabular}{l}
Good \\
Good
\end{tabular} \& \[
\begin{gathered}
40+ \\
\text { B }
\end{gathered}
\] \& 4.20 \\
\hline G38 \& \begin{tabular}{l}
Semi-Mature \\
Mixed \\
species
\end{tabular} \& \[
\begin{gathered}
\mathrm{av} \\
5
\end{gathered}
\] \& \[
\begin{aligned}
\& \text { av } \\
\& 0.1
\end{aligned}
\] \& \[
\begin{aligned}
\& \text { av } \\
\& 200
\end{aligned}
\] \& \[
\begin{array}{ccc} 
\& \begin{array}{c}
\text { av } \\
\\
\\
2
\end{array} \& 2 \\
\& 2 \& 2 \\
\& 2 \& \\
\text { each }
\end{array}
\] \& \begin{tabular}{l}
1: Mix group of hawthorn and goat willow. \\
2: Growing on southern side of ditch on third party land. \\
3: Multi stemmed from base.
\end{tabular} \& No acti

n/a \& \begin{tabular}{|c}
required. <br>
\hline 3

 \& 

Good <br>
Fair

\end{tabular} \& \[

$$
\begin{gathered}
40+ \\
C
\end{gathered}
$$
\] \& 2.40 <br>

\hline T39 \& | Mature |
| :--- |
| Oak |
| Quercus petraea | \& 9 \& 2 \& 700 \& \[

$$
\begin{array}{lll} 
& 6 & \\
6 & & 6 \\
& 6 &
\end{array}
$$

\] \& | 1: Large cavity below union, visible decay and hollowing of stem. |
| :--- |
| 2: Bifurcates at 2 m . |
| 3: Growing at top of ditch. |
| 4: Epicormic growth on stems. |
| 5: Canopy overhanging into neighbouring land. | \& Low \& tor. \& | Good |
| :--- |
| Fair | \& \[

$$
\begin{gathered}
40+ \\
\text { B }
\end{gathered}
$$
\] \& 8.40 <br>

\hline T40 \& | Mature |
| :--- |
| Oak |
| Quercus petraea | \& 10 \& 2 \& 700 \& \[

$$
\begin{array}{lll} 
& 7 & \\
7 & & 7 \\
& 7 &
\end{array}
$$

\] \& | 1: On third party land, no access, estimated dbh. |
| :--- |
| 2: Canopy overhanging into land by 1 m . |
| 3: Evidence of failed branches. |
| 4: Fence being occluded into stem. | \& No acti

n/a \& \begin{tabular}{|c|}
required. <br>
\hline 3 <br>
\hline

 \& 

Good <br>
Good

\end{tabular} \& \[

$$
\begin{gathered}
40+ \\
\text { B }
\end{gathered}
$$
\] \& 8.40 <br>

\hline H41 \& | Early-Mature Mixed |
| :--- |
| species | \& \[

$$
\begin{gathered}
\mathrm{av} \\
2
\end{gathered}
$$

\] \& 0.1 \& 80 \& \[

$$
\begin{array}{lll} 
& 0.5 & \\
0.5 & & 0.5 \\
& 0.5 &
\end{array}
$$
\] \& 1: Mixed managed boundary hedge of hawthorn and elder. \& No acti

n/a \& \begin{tabular}{|c}
required. <br>
\hline 3

 \& 

Good <br>
Good

\end{tabular} \& \[

$$
\begin{gathered}
40+ \\
C
\end{gathered}
$$
\] \& 0.96 <br>

\hline T42 \& | Mature |
| :--- |
| Oak |
| Quercus petraea | \& 14 \& 2 \& 700 \& \[

$$
\begin{array}{lll} 
& 6 & \\
6 & & 6 \\
& 6 &
\end{array}
$$

\] \& | 1: On third party land no access. |
| :--- |
| 2: Fence attached to stem with occlusion. |
| 3: Acceptable condition currently. | \& No acti

n/a \& \begin{tabular}{c}
required. <br>
\hline 3 <br>
\hline

 \& 

Good <br>
Good

\end{tabular} \& \[

$$
\begin{gathered}
40+ \\
\mathrm{B}
\end{gathered}
$$
\] \& 8.40 <br>

\hline
\end{tabular}

| $\begin{aligned} & \text { Reference } \\ & \mathrm{T}=\text { Tree } \\ & \mathrm{G}=\text { Group } \\ & \mathrm{H}=\text { Hedge } \\ & \mathrm{W}=\text { Woodland } \end{aligned}$ | Age $\&$ Species |  |  |  |  | Notes | Recommendations |  | Physiological Condition Structural Condition | Life <br> Expectancy (yrs) <br> Retention Category | RPA Radius <br> (m) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  | Priority | $\begin{aligned} & \text { Inspect } \\ & \text { Freq (yrs) } \end{aligned}$ |  |  |  |
| T43 | Early-Mature <br> Eucalyptus <br> Eucalyptus sp | 14 | 6 | 500 | $\begin{array}{\|lll}  & 5 & \\ 5 & & 5 \\ & 5 & \end{array}$ | 1: On third party land, no access. <br> 2: Estimated dbh. <br> 3: Low limb failure with removal in the past. <br> 4: Ivy has been severed. | No actio | required. | Good <br> Good | $\begin{gathered} 40+ \\ \text { B } \end{gathered}$ | 6.00 |
| T44 | Early-Mature <br> Birch <br> Betula sp | 12 | 2 | 350 | $\begin{array}{lll}  & 4 & \\ 4 & & 4 \\ & 4 & \end{array}$ | 1: Bifurcated at base. <br> 2: On third party. <br> 3: Canopy overhanging into site. | No acti | required. <br> 3 | Good <br> Good | $\begin{gathered} 40+ \\ \text { B } \end{gathered}$ | 4.20 |
| G45 | Early-Mature <br> Birch <br> Betula sp | $\begin{aligned} & \text { av } \\ & 12 \end{aligned}$ | $\begin{gathered} \mathrm{av} \\ 2 \end{gathered}$ | $\begin{aligned} & \text { av } \\ & 300 \end{aligned}$ | $\begin{array}{\|ccc}  & \text { av } & \\ & 4 & \\ 4 & & 4 \\ & 4 & \\ & \text { each } & \end{array}$ | 1: Linear group along field boundary and road. <br> 2: Third party trees. <br> 3: Canopy overhanging into site by 3-4 m . | No actio | required. ${ }^{\text {che }}$ ( | Good <br> Fair | $\begin{gathered} 20-40 \\ C \end{gathered}$ | 3.60 |
| T46 | Early-Mature <br> Birch <br> Betula sp | 11 | 2 | 300 |  | 1: Stem lean to east. <br> 2: Parallel to road. <br> 3: Third party tree. <br> 4: Minor deadwood. | No actio | required. <br>  <br> 3 | Fair <br> Good | $\begin{gathered} 40+ \\ \mathrm{B} \end{gathered}$ | 3.60 |
| T47 | Early-Mature <br> Oak <br> Quercus petraea | 16 | 2 | 530 |  | 1: Multi stemmed from base. <br> 2: Acceptable clearance from road. <br> 3: Minor deadwood throughout canopy. | No actio | required. ${ }^{\text {che }}$ ( | Good <br> Good | $\begin{gathered} 40+ \\ \text { B } \end{gathered}$ | 6.36 |
| H48 | Early-Mature <br> Hawthorn <br> Crataegus monogyna | $\begin{gathered} \text { av } \\ 1 \end{gathered}$ | 0.1 | 80 | $\left\lvert\, \begin{array}{lll}  & 0.5 & \\ 0.5 & 0.5 \\ & 0.5 & \\ & & \end{array}\right.$ | 1: Managed boundary field hedge. | No actio | required. ${ }^{\text {a }}$ ( | Good <br> Good | $\begin{gathered} 40+ \\ \text { C } \end{gathered}$ | 0.96 |

\begin{tabular}{|c|c|c|c|c|c|c|c|c|c|c|c|}
\hline \multirow[t]{2}{*}{$$
\begin{aligned}
& \text { Reference } \\
& \mathrm{T}=\text { Tree } \\
& \mathrm{G}
\end{aligned}=\text { Group }
$$} \& \multirow[t]{2}{*}{Age \& Species} \& \multirow[t]{2}{*}{} \& \multirow[t]{2}{*}{} \& \multirow[t]{2}{*}{} \& \multirow[t]{2}{*}{Crown
Spread (m)
W

S} \& \multirow[t]{2}{*}{Notes} \& \multicolumn{2}{|l|}{Recommendations} \& Physiological Condition \& | Life |
| :--- |
| Expectancy (yrs) | \& RPA Radius <br>

\hline \& \& \& \& \& \& \& Priority \& | Inspect |
| :--- |
| Freq (yrs) | \& Structural Condition \& | Retention |
| :--- |
| Category | \& (m) <br>


\hline T49 \& | Mature |
| :--- |
| Oak |
| Quercus petraea | \& 15 \& 5 \& 550 \& \[

$$
\begin{array}{lll} 
& 6 & \\
6 & & 2
\end{array}
$$

\] \& | 1: Has been heavily pruned to provide clearance from telephone cable. |
| :--- |
| 2: Third party tree, no access, estimated dbh. |
| 3: Wound to stem mostly occluded. | \& \multicolumn{2}{|l|}{No action required.} \& | Good |
| :--- |
| Good | \& \[

$$
\begin{gathered}
40+ \\
B
\end{gathered}
$$
\] \& 6.60 <br>

\hline T50 \& | Early-Mature |
| :--- |
| Ash |
| Fraxinus excelsior | \& 13 \& 3 \& 430 \&  \& | 1: On third party land, no access estimated dbh. |
| :--- |
| 2: Multi stemmed just above base. |
| 3: Ash dieback canopy in decline. | \& \multicolumn{2}{|l|}{| Monitor. |
| :--- |
| $\begin{array}{l}\text { M }\end{array}$ |
| n/a |} \& | Poor |
| :--- |
| Fair | \& \[

$$
\begin{gathered}
40+ \\
C
\end{gathered}
$$
\] \& 5.16 <br>

\hline G51 \& | Semi-Mature |
| :--- |
| Hawthorn |
| Crataegus monogyna | \& \[

$$
\begin{gathered}
\mathrm{av} \\
4
\end{gathered}
$$

\] \& \[

$$
\begin{aligned}
& \text { av } \\
& 0.1
\end{aligned}
$$

\] \& \[

$$
\begin{gathered}
\text { av } \\
100
\end{gathered}
$$

\] \& \[

$$
\begin{array}{ccc} 
& \text { av } & \\
& 1 & \\
1 & & 1 \\
& & 1 \\
& & \\
& & \text { each }
\end{array}
$$

\] \& | 1: Lapsed of hedge. |
| :--- |
| 2: Decay to stems. |
| 3: Multi stemmed above base. | \& \multicolumn{2}{|l|}{No action required.} \& | Fair |
| :--- |
| Fair | \& \[

20-40
\] \& 1.20 <br>

\hline T52 \& | Early-Mature |
| :--- |
| Hawthorn |
| Crataegus monogyna | \& 5 \& 1 \& 120 \&  \& | 1: Multi stemmed just above base. |
| :--- |
| 2: Crossing and rubbing branches. |
| 3: Acceptable condition currently. | \& \multicolumn{2}{|l|}{No action required.} \& Good \& \[

20-40
\] \& 1.44 <br>

\hline T53 \& | Mature |
| :--- |
| Birch |
| Betula sp | \& 12 \& 5 \& 450 \& \[

$$
\begin{array}{lll} 
& 5 & \\
5 & & 5 \\
& 5 &
\end{array}
$$

\] \& | 1: On third party land, no access, estimated dbh. |
| :--- |
| 2: Crown raised in the past. | \& \multicolumn{2}{|l|}{No action required.} \& Fair \& \[

$$
\begin{gathered}
40+ \\
\text { B }
\end{gathered}
$$
\] \& 5.40 <br>

\hline G54 \& | Early-Mature |
| :--- |
| Mixed |
| species | \& \[

$$
\begin{aligned}
& \mathrm{av} \\
& 10
\end{aligned}
$$

\] \& \[

$$
\begin{gathered}
\text { av } \\
2
\end{gathered}
$$

\] \& \[

$$
\begin{aligned}
& \text { av } \\
& 250
\end{aligned}
$$

\] \& \[

$$
\begin{array}{ccc} 
& \begin{array}{cc}
\text { av } & \\
& 4 \\
& 4 \\
4 & \\
4 & \\
\hline
\end{array} & 4 \\
\text { each }
\end{array}
$$

\] \& | 1: Group of 4 trees comprising 2 Norway maple , 1 horse chestnut and 1 Norway maple crimson king. |
| :--- |
| 2: On third party land, no access, estimated dbh. |
| 3: Canopies overhanging into site by 3 m . | \& \multicolumn{2}{|l|}{No action required.} \& | Good |
| :--- |
| Good | \& \[

$$
\begin{gathered}
40+ \\
B
\end{gathered}
$$
\] \& 3.00 <br>

\hline
\end{tabular}

\begin{tabular}{|c|c|c|c|c|c|c|c|c|c|c|c|}
\hline \multirow[t]{2}{*}{\begin{tabular}{l}
Reference \\
T= Tree \\
G = Group \\
W = Woodland \\
W = Woodlan
\end{tabular}} \& \multirow[t]{2}{*}{Age \(\&\) Species} \& \multirow[t]{2}{*}{} \& \multirow[t]{2}{*}{} \& \multirow[t]{2}{*}{} \& \multirow[t]{2}{*}{\begin{tabular}{cc}
\multicolumn{2}{c}{ Crown } \\
Spread \& \((m)\) \\
\& \\
\& \\
\& S
\end{tabular}} \& \multirow[t]{2}{*}{Notes} \& \multicolumn{2}{|l|}{Recommendations} \& \multirow[t]{2}{*}{Physiological Condition Structural Condition} \& \multirow[t]{2}{*}{\begin{tabular}{l}
Life Expectancy (yrs) \\
Retention Category
\end{tabular}} \& \multirow[t]{2}{*}{\begin{tabular}{l}
RPA Radius \\
(m)
\end{tabular}} \\
\hline \& \& \& \& \& \& \& Priority \& \begin{tabular}{l}
Inspect \\
Freq (yrs)
\end{tabular} \& \& \& \\
\hline H55 \& Early-Mature Hawthorn Crataegus monogyna \& \[
\begin{aligned}
\& \text { av } \\
\& 1.5
\end{aligned}
\] \& 0.1 \& 80 \& \[
\begin{array}{|lll} 
\& 0.5 \& \\
0.5 \& \& 0.5 \\
\& 0.5 \&
\end{array}
\] \& \begin{tabular}{l}
1: Managed boundary hedge. \\
2: Mainly hawthorn with occasional elder.
\end{tabular} \& \begin{tabular}{c} 
No acti \\
\hline n/a
\end{tabular} \& required. \& \begin{tabular}{l}
Good \\
Good
\end{tabular} \& \[
\begin{gathered}
40+ \\
C
\end{gathered}
\] \& 0.96 \\
\hline G56 \& \begin{tabular}{l}
Semi-Mature \\
Mixed \\
species
\end{tabular} \& \[
\begin{gathered}
\text { av } \\
6
\end{gathered}
\] \& \[
\begin{aligned}
\& \text { av } \\
\& 1.5
\end{aligned}
\] \& \[
\begin{gathered}
\text { av } \\
200
\end{gathered}
\] \& \begin{tabular}{ccc} 
\& \begin{tabular}{c} 
av \\
3
\end{tabular} \& \\
3 \& \& 3 \\
\& 3 \& \\
each
\end{tabular} \& \begin{tabular}{l}
1: Mix group of sycamore, holly, variegated Norway maple and spindle. \\
2: Third party trees not fully accessed. \\
3: Acceptable condition currently.
\end{tabular} \& No acti

n/a \& \begin{tabular}{|c|}
required. <br>
\hline 3 <br>
\hline

 \& 

Fair <br>
Good

\end{tabular} \& \[

$$
\begin{gathered}
40+ \\
C
\end{gathered}
$$
\] \& 2.40 <br>

\hline T57 \& | Early-Mature |
| :--- |
| Sycamore |
| Acer pseudoplatanus | \& 14 \& 3 \& 610 \& \[

$$
\begin{array}{lll} 
& 4 & \\
4 & & 4 \\
& 4 &
\end{array}
$$

\] \& | 1: Multi stemmed from base with 8 stems. |
| :--- |
| 2: Crown raised in past. | \& No acti

n/a \& \begin{tabular}{|c|}
required. <br>
\hline <br>
\hline 3 <br>
\hline

 \& 

Good <br>
Fair

 \& 

20-40 <br>
C
\end{tabular} \& 7.32 <br>

\hline H58 \& Early-Mature Hawthorn Crataegus monogyna \& $$
\begin{aligned}
& \text { av } \\
& 1.5
\end{aligned}
$$ \& 0.1 \& 80 \& \[

$$
\begin{array}{|lll} 
& 0.5 & \\
0.5 & & 0.5 \\
& 0.5 &
\end{array}
$$

\] \& | 1: Managed boundary hedge. |
| :--- |
| 2: Mainly hawthorn with occasional elder. | \& No acti

n/a \& required. \& | Good |
| :--- |
| Good | \& \[

$$
\begin{gathered}
40+ \\
C
\end{gathered}
$$
\] \& 0.96 <br>

\hline T59 \& | Early-Mature |
| :--- |
| Oak |
| Quercus petraea | \& 8 \& 2 \& 550 \& \[

$$
\begin{array}{lll} 
& 2.5 & \\
2.5 & & 2.5 \\
& 2.5 &
\end{array}
$$

\] \& | 1: Growing within hedge. |
| :--- |
| 2: Bifurcates at 2 m . |
| 3: Minor deadwood within canopy. | \& | No acti |
| :---: |
| n/a | \& required. \& | Good |
| :--- |
| Good | \& \[

$$
\begin{gathered}
40+ \\
B
\end{gathered}
$$
\] \& 6.60 <br>

\hline T60 \& | Mature |
| :--- |
| Oak |
| Quercus petraea | \& 15 \& 3 \& 880 \& \[

$$
\begin{array}{lll} 
& 6 & \\
6 & & 6 \\
& 6 &
\end{array}
$$

\] \& | 1: Bifurcates at 2 m . |
| :--- |
| 2: Growing within hedge. |
| 3: Good open canopy. | \& No acti

n/a \& required. \& | Good |
| :--- |
| Good | \& \[

$$
\begin{gathered}
40+ \\
\mathrm{A}
\end{gathered}
$$
\] \& 10.56 <br>

\hline
\end{tabular}

| $\begin{aligned} & \text { Reference } \\ & \mathrm{T}=\text { Tree } \\ & \mathrm{G}=\text { Group } \\ & \mathrm{H}=\text { Hedge } \\ & \mathrm{W}=\text { Woodland } \end{aligned}$ | Age $\&$ Species |  | $\begin{aligned} & \underset{y}{\S} \\ & \substack{\text { In } \\ \\ 0 \\ \hline} \end{aligned}$ |  | Crown  <br> Spread (m)  <br> W  <br>   <br>  S | Notes | Recommendations |  | Physiological Condition | $\begin{gathered} \text { Life } \\ \text { Expectancy (yrs) } \end{gathered}$ | RPA Radius |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  | Priority | $\begin{aligned} & \text { Inspect } \\ & \text { Freq (yrs) } \end{aligned}$ | Structural Condition | Retention Category | (m) |
| T61 | Mature <br> Oak <br> Quercus petraea | 15 | 3 | 900 | $\begin{array}{lll}  & 8 & \\ 8 & & 8 \\ & 8 & \end{array}$ | 1: Good open canopy. <br> 2: Deadwood within canopy. <br> 3: Growing within hedge. | No action required. |  | Good <br> Good | $\begin{gathered} 40+ \\ \text { B } \end{gathered}$ | 10.80 |
| T62 | Early-Mature <br> Oak <br> Quercus petraea | 11 | 4 | 500 | $\begin{array}{lll}  & 6 \\ 6 & & 6 \\ & & 5 \end{array}$ | 1: Growing within hedge at side of ditch. <br> 2: Multi stemmed from 3 m . <br> 3: Elder growing at base. | No action required. |  | Good | $\begin{gathered} 40+ \\ \text { B } \end{gathered}$ | 6.00 |
| T63 | Early-Mature <br> Oak <br> Quercus petraea | 9 | 4 | 450 | $\begin{array}{lll}  & 2 & \\ 5 & & 5 \\ & & 5 \end{array}$ | 1: Estimated dbh. <br> 2: Slight stem lean to south. <br> 3: Growing within hedge and by ditch. <br> 4: Deadwood and evidence of branch failures. | No action required. |  | Good | $\begin{gathered} 40+ \\ \mathrm{B} \end{gathered}$ | 5.40 |
| T64 | Early-Mature <br> Oak <br> Quercus petraea | 5 | 3 | 400 | $\begin{array}{lll}  & 1 & \\ 3 & & 3 \\ & 3 & \end{array}$ | 1: Growing within hedge and by ditch. <br> 2: Stem lean to south. <br> 3: Suppressed canopy. <br> 4: Deadwood in canopy. | No action required. |  | Good | $\begin{gathered} 20-40 \\ C \end{gathered}$ | 4.80 |
| T65 | Early-Mature <br> Alder (common) <br> Alnus glutinosa | 8 | 3 | 460 | $\begin{array}{lll}  & 6 & \\ 5 & & 5 \\ & & 5 \end{array}$ | 1: Multi stemmed above base. <br> 2: Growing in hedge and by ditch. <br> 3: Acceptable condition currently. | No action required. |  | Good | $\begin{gathered} 40+ \\ \text { B } \end{gathered}$ | 5.52 |
| T66 | Mature <br> Oak <br> Quercus petraea | 9 | 4 | 600 | $\begin{array}{lll}  & 6 & \\ 6 & & 6 \end{array}$ | 1: Growing out of field ditch. <br> 2: Stem at angle to east. <br> 3: Minor abrasions to stem. <br> 4: Deadwood within canopy. | No action required. |  | Good | $\begin{gathered} 40^{+} \\ \mathrm{B} \end{gathered}$ | 7.20 |


| Reference <br> $\mathrm{T}=$ Tree <br> G = Group <br> $\mathrm{H}=$ Hedge <br> W = Woodland | Age $\&$ Species |  |  |  |  | Notes | Recommendations |  | Physiological Condition Structural Condition | Life <br> Expectancy (yrs) <br> Retention Category | RPA Radius <br> (m) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  | Priority | $\begin{aligned} & \text { Inspect } \\ & \text { Freq (yrs) } \end{aligned}$ |  |  |  |
| T67 | Early-Mature <br> Oak <br> Quercus petraea | 10 | 2 | 580 | $\begin{array}{\|lll}  & 5 & \\ 5 & & 5 \\ & 5 & \end{array}$ | 1: Growing at top of ditch to north. <br> 2: Multi stemmed just above base. <br> 3: Growing within hedge. <br> 4: Minor deadwood within canopy. | No actio | required. | Good <br> Good | $\begin{gathered} 40+ \\ \text { B } \end{gathered}$ | 6.96 |
| G68 | Early-Mature <br> Alder (common) <br> Alnus glutinosa | $\begin{aligned} & \text { av } \\ & 10 \end{aligned}$ | $\begin{gathered} \text { av } \\ 3 \end{gathered}$ | $\begin{aligned} & \text { av } \\ & 250 \end{aligned}$ | $\begin{array}{ccc}  & \text { av } & \\ & 5 & \\ 5 & & 6 \\ & 4 & \\ & \text { each } \end{array}$ | 1: 2 in group, growing within hedge by ditch. <br> 2: Deadwood in lower canopy with saprophytic fungus. <br> 3: Suppressed by neighbouring tree. | No acti | required. <br> 3 | Fair <br> Good | $\begin{gathered} 20-40 \\ C \end{gathered}$ | 3.00 |
| T69 | Mature <br> Oak <br> Quercus petraea | 10 | 2 | 780 |  | 1: Stem growing at angle to north. <br> 2: Growing within hedge and at top of ditch. <br> 3: One dead branch acceptable for current land use. | No actio |  | Good <br> Good | $\begin{gathered} 40+ \\ \mathrm{B} \end{gathered}$ | 9.36 |
| G70 | Semi-Mature <br> Mixed <br> species | $\begin{gathered} \text { av } \\ 4 \end{gathered}$ | $\begin{aligned} & \text { av } \\ & 0.1 \end{aligned}$ | $\begin{aligned} & \text { av } \\ & 100 \end{aligned}$ | $\begin{array}{\|ccc\|} \hline & \text { av } & \\ & 1.5 & \\ 1.5 & & 1.5 \\ & 1.5 & \\ & \text { each } & \\ \hline \end{array}$ | 1: Mix of elder and hawthorn. <br> 2: Boundary group to road. <br> 3: Growing on slope. | No actio |  | Fair <br> Good | $\begin{gathered} 20-40 \\ C \end{gathered}$ | 1.20 |
| H71 | Early-Mature Hawthorn Crataegus monogyna | $\begin{aligned} & \text { av } \\ & 2.5 \end{aligned}$ | 0.1 | 100 | $\begin{array}{lll}  & 0.5 \\ 0.5 & \\ & 0.5 \\ & 0.5 & \end{array}$ | 1: Managed boundary hedge. | No actio | required. ${ }^{\text {che }}$ ( | Good <br> Good | $\begin{gathered} 40+ \\ C \end{gathered}$ | 1.20 |
| H72 | Early-Mature <br> Hawthorn <br> Crataegus monogyna | $\begin{gathered} \text { av } \\ 2 \end{gathered}$ | 0.1 | 80 | $\begin{array}{lll}  & 0.5 & \\ 0.5 & & 0.5 \\ & 0.5 & \end{array}$ | 1: Managed boundary hedge by a ditch. <br> 2: Mainly hawthorn with occasional elder. | No actio | required. ${ }^{\text {a }}$ ( | Good <br> Good | $\begin{gathered} 40+ \\ \text { C } \end{gathered}$ | 0.96 |


| Reference <br> $\mathrm{T}=$ Tree <br> G = Group <br> W = Woodland | Age $\&$ Species |  |  |  |  | Notes | Recommendations |  | Physiological Condition <br> Structural Condition | Life Expectancy (yrs) <br> Retention Category | RPA Radius <br> (m) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  | Priority | Inspect <br> Freq (yrs) |  |  |  |
| H73 | Early-Mature Hawthorn | $\begin{aligned} & \mathrm{av} \\ & 1.5 \end{aligned}$ | 0.1 | 90 | $\begin{array}{lll}  & 0.5 & \\ 0.5 & & 0.5 \\ & 0.5 & \end{array}$ | 1: Managed boundary hedge. <br> 2: Mainly elder with occasional elder. | No action required. |  | Good | 40+ | 1.08 |
|  | Crataegus monogyna |  |  |  |  |  | n/a | 3 | Good | C |  |

Appendix 2 - Tree Schedule Definition of Terms

| Tree Referencing | Individual Trees T (+number) <br> Grouped Trees G (+number) <br> Hedgerows H (+number) <br> Woodlands W (+number) |
| :---: | :---: |
| Age Category/Life Stage | Young Usually <15 years <br> Semi-mature Significant growth expected, approximately one third of life expectancy complete <br> Early-Mature Full height achieved with further significant growth possible, up to two thirds of life expectancy complete <br> Mature Full height has been achieved with possible spreading of the canopy, usually past two thirds of overall life expectancy <br> Veteran Usually a tree of significant age with characteristics that give additional cultural, landscape and conservation benefits, <br> Over-mature A tree declining due to age as indicated by deterioration in the health and condition of its crown and trunk. |
| Species | Botanical Name conforming to the International Code of Nomenclature for algae, fungi, and plants (ICN). For universal plant recognition. Common Name commonly used names usually on a local and national scale. |
| Tree Height | The vertical distance between the base of the tree (where soil and buttress meet) and the tip of the highest branch on the tree. |
| Crown Height | Measured from ground level to the height at which the main crown begins. |
| Stem Diameter (DBH) | Stem diameter is measured at 1.5 m above ground level |
| Crown | Measurements taken from all four cardinal points in metres. |
| Notes | Notes are made to inform of any possible defects, peculiarities or points of interest that may relate to the trees position, physiology, safety and possible effects on developments. |
| Recommendations | Recommendations are made in accordance to good arboricultural practice. Recommendations are made regardless to the end usage of the site. |
| Priority Scale | Priority is given dependant on the perceived threat and the likelihood of failure given to a possible hazard. The priority of work is given regardless of the end usage of the site. |
| Physiological Condition: | Good Usually healthy with no symptoms of poor health or disease. <br> Fair Exhibiting signs of poor health or minor disease infections that are not considered to be hazardous. <br> Poor Disease present in considerable quantities or with very poor physiological vigour. <br> Very Poor Tree is in a moribund state in extremely poor condition, usually with little chance of recovery. |
| Structural Condition: | Good A tree with no significant structural defects. <br> Fair Minor defects may have been observed but are not considered to be immediately hazardous. <br> Poor Significant defects found. Tree requires monitoring or remedial works. <br> Very Poor Major defects that require immediate remedial work or the removal of the tree. |
| Life Expectancy: | The estimated number of years before the tree may require removal should no unexpected mechanical or environmental impacts occur to the tree. |
| Retention Category: | Please refer to Tree retention categorisation table on the next page. |

## Appendix 3 - Tree Retention Category

The following table provides an explanation of retention categories used.

| Trees to be removed |  | Colour on Plan |
| :---: | :---: | :---: |
| Category U <br> Includes trees of very low quality that offer little or no amenity value. | Trees in such a condition that they cannot realistically be retained as living trees in the context of the current land use for longer than 10 years. | RED |
| Trees to be considered for retention |  |  |
| Category A <br> Trees of a high quality, with an estimated life of expectancy of at least 40 years | Trees that are excellent examples of their species, usually mature, especially if rare or unusual including veteran trees. Category A trees are likely to enhance a development and should be retained wherever possible. | GREEN |
| Category B <br> Trees of moderate quality with an estimated remaining life expectancy of at least 20 years. | Trees that are good examples of their species. B category trees are usually mature or younger trees with the potential to reach A category in the future. Although the retention of these trees is desirable, some losses may be acceptable. | BLUE |
| Category C <br> Trees of low quality with an estimated remaining life expectancy of at least 10 years, or young trees with a stem diameter below 150 mm . | Unremarkable trees of very limited merit or such impaired condition that they do not qualify in higher categories. | GREY |

NOTE: Trees that are viewed as borderline and do not fit neatly into either of the categories are given a plus or minus rating (+/-) in the tree data schedule. Therefore, $\mathrm{C}+$ would denote a tree being borderline $C / B$ although $C$ is deemed to be the most appropriate category. Similarly, $B$ - would denote a tree being borderline $B / C$ with $B$ seen as the most appropriate category

## Appendix 4 - Site Plans

The site plans referred to in the report follow this page which include the following:

- Tree Constraints Plan
- Tree Removal Plan
- Tree Works Schedule
- Tree Protection Plan
- Tree Protection Inserts

Although included plans are usually to scale, they are only intended to indicate positions of surveyed trees and dimensions should not be taken from these drawings.

Caten Category A tree, group or hedge



| Tree Works Schedule |  |  |  |
| :---: | :---: | :---: | :---: |
| Tree Number | Species | Works Required | Reason |
| G1 | Lime | Partial removal see Tree Removal Plan | To facilitate the development |
| H8 | Hawthorn | Removal |  |
| T9 | Oak |  |  |
| T10 |  |  |  |
| T11 |  |  |  |
| T12 |  |  |  |
| T13 |  |  |  |
| H14 | Hawthorn |  |  |
| T15 | Oak |  |  |
| T16 |  |  |  |
| T17 |  |  |  |
| T18 |  |  |  |
| T21 |  |  |  |
| T22 |  |  |  |
| T23 |  |  |  |
| H27 | Hawthorn |  |  |
| T28 | Oak |  |  |
| H29 | Hawthorn |  |  |
| G30 |  |  | Arboricultural good practice |
| H34 |  | Partial removal see Tree Removal Plan | To facilitate the development |
| H55 |  | Removal |  |
| H58 |  | Partial removal see Tree Removal Plan |  |
| T60 | Oak | Removal |  |
| T61 |  |  |  |
| T62 |  |  |  |
| T63 |  |  |  |
| T64 |  |  |  |
| T65 | Alder |  |  |
| T66 | Oak |  |  |




Insert 1: Tree protective fencing specification


## Temporary tree guard specification



Insert 2: Tree protection notice


Back-stay support


Barrier mesh specification


Insert 3: Ground protection specification




| $U$ | $R$ | $B$ | $A$ | $N$ |
| :---: | :---: | :---: | :---: | :---: |
| $G$ | $R$ | $E$ | $E$ | $N$ |


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ARINGTON CRICKET FACILITY

TREE PROTECTION INDEX

| ssame | PLANNING |  |  |
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