



## **Tree Survey**

**At**

**Mill Street  
Tonyrefail**

*Inspected by:-*

*Julian Wilkes BSc.For, MSc.Land Man, MIC.For, TechArborA*

*Treescene Ltd*

*The Walled Garden*

*Old Coedarhydyglyn*

*St Nicholas*

*Cardiff*

*CF5 6SG*

*Tel No. 029 20599300*

*9<sup>th</sup> April, 2020*

**Registered Office: Treescene Limited  
The Walled Garden, Old Coedarhydyglyn, St. Nicholas, Cardiff CF5 6SG  
Tel. 029 205 99300 Email. [trees@treescene.co.uk](mailto:trees@treescene.co.uk)**

## **Brief**

I have been instructed by Mr Chris Wilks of Amity Planning to carry out a survey on trees at Mill Street, Tonyrefail.

## **Scope of Report**

This Tree Survey has been undertaken within the recommendations of British Standards 5837:2012 and current good arboricultural practice.

The survey entailed a visual inspection from ground level of all trees.

Each tree has been numbered and, where instructed, have been tagged using small durable metal or plastic tags.

Due to variations of existing ground levels through the site, height dimensions are estimated and are given in metres.

Trunk/stem diameters are measured at 1.5 metres above ground level, or immediately above the root flare for multi-stemmed trees.

Estimated branch spread is taken in metres from the centre of the trunk, at the four cardinal points of a compass, to achieve an accurate representation of crown shape.

An assessment of a tree's age classification is made in terms of its maturity within the site's landscape.

An assessment of a tree's physiological condition is made as good, fair, poor, dead.

Data on the structural condition of the tree has been entered, e.g., collapsing, leaning and the presence of any decay or physical defect has been noted.

Preliminary management recommendations include further investigation of suspected defects that require more detailed assessment or potential for wildlife habitat.

An assessment of a tree's future life expectancy is made as <10, 10-20, 20-40 or >40 etc.

Table 1 – Cascade chart for tree quality assessment

| Category and definition   | Criteria (including subcategories where appropriate)   |   |   | BRITISH STANDARD BS 5837:2012 |
|---|--|---|---|-------------------------------|
| <p><u>Category U</u><br/>Those in such a condition that they cannot realistically be retained as living trees in the context of the current land use for longer than 10 years</p> | <ul style="list-style-type: none"> <li>• Trees that have a serious, irremediable, structural defect, such that their early loss is expected due to collapse, including those that will become unviable after removal of other U category trees (i.e. where, for whatever reason, the loss of companion shelter cannot be mitigated by pruning)</li> <li>• Trees that are dead or are showing signs of significant, immediate, and irreversible overall decline</li> <li>• Trees infected with pathogens of significance to the health and/or safety of other trees nearby, or very low quality trees suppressing adjacent trees of better quality</li> </ul> <p>NOTE Category U trees can have existing or potential conservation value which it might be desirable to preserve; see 4.5.7</p> |   |   |                               |
|   | 1 Mainly Arboricultural values   | 2 Mainly landscape values   | 3 Mainly cultural values, including conservation  |                               |
| <p><u>Category A</u><br/>Those of high quality with an estimated remaining life expectancy of at least 40 years</p>   | Trees that are particularly good examples of their species, especially if rare or unusual, or essential components of groups, or of formal or semi-formal arboricultural features (e.g. the dominant and/or principal trees within an avenue)  | Trees, groups or woodlands of particular visual importance as Arboricultural and/or landscape features  | Trees, groups or woodlands of significant conservation; historical, commemorative or other value (e.g. veteran trees or wood-pasture) |                               |
| <p><u>Category B</u><br/>Those of moderate quality with an estimated remaining life expectancy of at least 20 years</p>   | Trees that might be included in category A, but are downgraded because of impaired condition (e.g. presence of significant though remediable defects, including unsympathetic past management and storm damage), such that they are unlikely to be suitable for retention for beyond 40 years; or trees lacking the special quality necessary to merit the category A designation  | Trees present in numbers, usually growing as groups or woodlands, such that they attract a higher collective rating than they might as individuals; or trees occurring as collectives but situated so as to make little visual contribution to the wider locality | Trees with material conservation or other cultural benefits   |                               |
| <p><u>Category C</u><br/>Those of low quality with an estimated remaining life expectancy of at least 10 years, or young trees with a stem diameter below 150mm</p>               | Unremarkable trees of very limited merit or such impaired condition that they do not qualify in higher categories  | Trees present in groups or woodlands, but without this conferring on them significantly greater collective landscape value, and/or trees offering low or only temporary/transient landscape benefits  | Trees with no material conservation or other cultural value   |                               |

| Tree No. | Species                       | Height(m) | Single/Multi Stemmed | Stem Diameter(m) | Branch Spread(m) |    |   |   | Height of Crown(m) | Age         | Physiological Condition | Structural Condition  | Prel. Man. Recommendations                                  | Est. Remaining Contribution | Category |
|----------|-------------------------------|-----------|----------------------|------------------|------------------|----|---|---|--------------------|-------------|-------------------------|---|---|-----------------------------|----------|
|          |                               |           |                      |                  | N                | E  | S | W |                    |             |                         |   |   |                             |          |
| T1       | Hawthorn (Crataegus monogyna) | 3         | Multi                | 0.2              | 1                | 1  | 1 | 1 | 1                  | Middle aged | Fair                    | Stream-side tree of scrubby habit   | No action required at this time                             | 10-20                       | C        |
| T2       | Oak (Quercus robur)           | 19        | Single               | 0.68             | 11               | 10 | 5 | 9 | 6                  | Mature      | Good                    | Tree of good form with well-balanced crown. Some minor storm damage in lower crown.   | Prune to remove storm damaged branches and major deadwood   | >40                         | A        |
| T3       | Oak (Quercus robur)           | 19        | Single               | 0.62             | 6                | 5  | 4 | 7 | 3                  | Mature      | Fair                    | Tree of reasonable form. Cavity on south-eastern side of main stem extends from ground level to 1.5m. Some deadwood within lower crown.                                       | Monitor for stability                                       | 20-40                       | B        |
| T4       | Oak (Quercus robur)           | 21        | Single               | 0.74             | 15               | 5  | 9 | 8 | 2                  | Mature      | Fair                    | Woodland edge tree of reasonable form. Old mechanical wound on south-eastern side of main stem has led to commencement of internal decay extending from ground level to 1.5m. | Undertake 3-4m overall crown reduction. Monitor for safety. | 20-40                       | B        |
| T5       | Ash (Fraxinus excelsior)      | 22        | Multi                | 0.6              | 8                | 3  | 3 | 5 | 6                  | Mature      | Fair to poor            | Twin stemmed specimen of variable form with evidence of thinning within crown. This specimen is vulnerable to developing Ash Die-back disease.                                | Monitor for health  | 10-20                       | C        |

| Tree No. | Species                    | Height(m) | Single/Multi Stemmed | Stem Diameter(m) | Branch Spread(m) |   |   |   | Height of Crown(m) | Age         | Physiological Condition | Structural Condition   | Prel. Man. Recommendations      | Est. Remaining Contribution | Category |
|----------|----------------------------|-----------|----------------------|------------------|------------------|---|---|---|--------------------|-------------|-------------------------|--|---------------------------------|-----------------------------|----------|
|          |                            |           |                      |                  | N                | E | S | W |                    |             |                         |  |                                 |                             |          |
| T6       | Holly (Ilex aquifolium)    | 3         | Multi                | 0.15             | 3                | 1 | 1 | 1 | 0                  | Young       | Fair to poor            | Scrubby specimen of variable form  | No action required at this time | 10-20                       | C        |
| T7       | Birch (Betula pendula)     | 4         | Single               | 0.14             | 4                | 3 | 0 | 1 | 3                  | Young       | Poor                    | Woodland edge tree of poor form with snapped leading shoot that has led to commencement of decay within main stem            | Remove                          | <10                         | U        |
| T8       | Goat Willow (Salix caprea) | 10        | Multi                | 0.35             | 6                | 3 | 0 | 5 | 1                  | Middle aged | Poor                    | Decayed specimen of poor form that is partially collapsed  | Remove                          | <10                         | U        |
| T9       | Hazel (Corylus avellana)   | 8         | Multi                | 0.3              | 4                | 5 | 1 | 1 | 1                  | Middle aged | Fair                    | Woodland edge multi stemmed coppice specimen   | No action required at this time | 20-40                       | C        |
| T10      | Goat Willow (Salix caprea) | 9         | Multi                | 0.4              | 5                | 5 | 4 | 4 | 1                  | Middle aged | Poor                    | Multi stemmed specimen of poor form with evidence of lifted root plate that is likely to lead to collapse in the near future | Remove                          | <10                         | U        |
| T11      | Birch (Betula pendula)     | 7         | Multi                | 0.35             | 10               | 1 | 0 | 1 | 2                  | Middle aged | Poor                    | This specimen has collapsed  | Remove                          | <10                         | U        |
| T12      | Holly (Ilex aquifolium)    | 7         | Multi                | 0.18             | 2                | 2 | 1 | 1 | 0                  | Middle aged | Fair                    | Multi stemmed scrubby specimen   | No action required at this time | 20-40                       | C        |

| Tree No. | Species                       | Height(m) | Single/Multi Stemmed | Stem Diameter(m) | Branch Spread(m) |   |   |   | Height of Crown(m) | Age         | Physiological Condition | Structural Condition  | Prel. Man. Recommendations | Est. Remaining Contribution | Category |
|----------|-------------------------------|-----------|----------------------|------------------|------------------|---|---|---|--------------------|-------------|-------------------------|---|----------------------------|-----------------------------|----------|
|          |                               |           |                      |                  | N                | E | S | W |                    |             |                         |   |                            |                             |          |
| T13      | Ash<br>(Fraxinus excelsior)   | 16        | Single               | 0.32             | 4                | 4 | 4 | 4 | 3                  | Middle aged | Poor                    | Woodland edge specimen with significant split in main stem extending from 0.5m to 2m. This specimen is at risk of immediate failure.      | Remove                     | <10                         | U        |
| T14      | Ash<br>(Fraxinus excelsior)   | 17        | Multi                | 0.35             | 5                | 4 | 5 | 4 | 3                  | Middle aged | Fair to poor            | Multi stemmed specimen of variable form that is vulnerable to developing Ash Die-back disease   | Monitor for health         | 10-20                       | C        |
| T15      | Birch<br>(Betula pendula)     | 15        | Single               | 0.21             | 3                | 3 | 3 | 3 | 3                  | Middle aged | Fair to poor            | Tree of variable form with notable sweep to the north at base of main stem which may lead to failure as this specimen matures             | Monitor for stability      | 10-20                       | C        |
| T16      | Goat Willow<br>(Salix caprea) | 14        | Single               | 0.36             | 6                | 6 | 3 | 4 | 1                  | Middle aged | Fair to poor            | Woodland edge specimen of variable form   | Monitor for safety         | 10-20                       | C        |
| T17      | Ash<br>(Fraxinus excelsior)   | 18        | Single               | 0.29             | 5                | 4 | 3 | 2 | 2                  | Middle aged | Fair                    | Tree of variable form with crown more heavily developed on northern side. This specimen is vulnerable to developing Ash Die-back disease. | Monitor for health         | 10-20                       | C        |

| Tree No. | Species  | Height(m) | Single/Multi Stemmed | Stem Diameter(m) | Branch Spread(m) |         |         |         | Height of Crown(m) | Age         | Physiological Condition | Structural Condition                                     | Prel. Man. Recommendations      | Est. Remaining Contribution | Category |
|----------|--|-----------|----------------------|------------------|------------------|---------|---------|---------|--------------------|-------------|-------------------------|--|---------------------------------|-----------------------------|----------|
|          |  |           |                      |                  | N                | E       | S       | W       |                    |             |                         |  |                                 |                             |          |
| G18      | Group of Holly (Ilex aquifolium), Goat Willow (Salix caprea), Oak (Quercus robur) and Hawthorn (Crataegus monogyna)                      | Up to 10  | Single and multi     | 0.3 (avg)        | 3 (avg)          | 3 (avg) | 3 (avg) | 3 (avg) | 1                  | Middle aged | Fair                    | Scrubby stream-side specimens of generally variable form | No action required at this time | 20-40                       | C        |
| G19      | Group of Ash (Fraxinus excelsior), Oak (Quercus robur), Hazel (Corylus avellana), Goat Willow (Salix caprea) and Holly (Ilex aquifolium) | Up to 18  | Single and multi     | 0.5 (avg)        | 7                | 7       | 7       | 7       | 1                  | Mature      | Fair                    | Stream-side specimens of generally reasonable form       | No action required at this time | >40                         | B        |

| Tree No. | Species   | Height(m) | Single/Multi Stemmed | Stem Diameter(m) | Branch Spread(m) |   |   |   | Height of Crown(m) | Age         | Physiological Condition | Structural Condition   | Prel. Man. Recommendations      | Est. Remaining Contribution | Category |
|----------|---|-----------|----------------------|------------------|------------------|---|---|---|--------------------|-------------|-------------------------|--|---------------------------------|-----------------------------|----------|
|          |   |           |                      |                  | N                | E | S | W |                    |             |                         |  |                                 |                             |          |
| G20      | Group of Goat Willow (Salix caprea)                       | Up to 11  | Multi                | 0.35 (avg)       | 3                | 3 | 3 | 6 | 0                  | Middle aged | Fair to poor            | Wooded embankment containing trees of generally variable form. Most trees on western boundary are collapsed. | Remove collapsed specimens      | 10-20                       | C        |
| T21      | Oak (Quercus robur)                                       | 9         | Single               | 0.23             | 4                | 4 | 0 | 1 | 4                  | Middle aged | Fair to poor            | Woodland edge tree of variable form leaning to the north   | Monitor for stability           | 10-20                       | C        |
| T22      | Goat Willow (Salix caprea)                                | 10        | Multi                | 0.35             | 6                | 1 | 2 | 2 | 0                  | Middle aged | Poor                    | This specimen has collapsed to the north   | Remove                          | <10                         | U        |
| G23      | Group of Oak (Quercus robur)                              | 17        | Single and multi     | 0.4 (avg)        | 4                | 6 | 4 | 4 | 2                  | Middle aged | Fair                    | Trees of generally variable form sited on earth bank   | No action required at this time | >40                         | B        |
| G24      | Group of Ash (Fraxinus excelsior) and Oak (Quercus robur) | 18        | Single and multi     | 0.4 (avg)        | 5                | 7 | 4 | 6 | 2                  | Middle aged | Fair                    | Linear feature sited on earth bank   | Monitor health of Ash trees     | >40                         | B        |
| G25      | Group of Oak (Quercus robur)                              | 18        | Single and multi     | 0.45 (avg)       | 7                | 8 | 6 | 6 | 2                  | Middle aged | Fair                    | Linear feature sited on earth bank. Trees of generally reasonable form.                                      | No action required at this time | >40                         | B        |



| Tree No. | Species  | Height(m) | Single/Multi Stemmed | Stem Diameter(m) | Branch Spread(m) |   |   |   | Height of Crown(m) | Age         | Physiological Condition | Structural Condition                                | Prel. Man. Recommendations      | Est. Remaining Contribution | Category |
|----------|--|-----------|----------------------|------------------|------------------|---|---|---|--------------------|-------------|-------------------------|---|---------------------------------|-----------------------------|----------|
|          |  |           |                      |                  | N                | E | S | W |                    |             |                         |   |                                 |                             |          |
| G26      | Group of Oak (Quercus robur), Ash (Fraxinus excelsior), Holly (Ilex aquifolium), Birch (Betula pendula) and Hazel (Corylus avellana) | Up to 18  | Single and multi     | 0.35 (avg)       | 4                | 6 | 5 | 4 | 2                  | Middle aged | Fair                    | Linear feature sited on earth bank                  | Monitor health of Ash           | >40                         | B        |
| G27      | Group of 3 Oak (Quercus robur)   | 10        | Single               | 0.25             | 2                | 2 | 2 | 2 | 1                  | Young       | Fair                    | Trees of reasonable form but low stature            | No action required at this time | >40                         | B        |
| G28      | Group of Birch (Betula pendula), Goat Willow (Salix caprea), Hazel (Corylus avellana) and Oak (Quercus robur)                        | 11        | Single and multi     | 0.3 (avg)        | 3                | 2 | 4 | 2 | 1                  | Middle aged | Fair to poor            | Scrubby specimens. Most Goat Willows are collapsed. | Remove collapsed trees          | 10-20                       | C        |

| Tree No. | Species   | Height(m) | Single/Multi Stemmed | Stem Diameter(m) | Branch Spread(m) |   |    |   | Height of Crown(m) | Age         | Physiological Condition | Structural Condition                                       | Prel. Man. Recommendations      | Est. Remaining Contribution | Category |
|----------|---|-----------|----------------------|------------------|------------------|---|----|---|--------------------|-------------|-------------------------|--|---------------------------------|-----------------------------|----------|
|          |   |           |                      |                  | N                | E | S  | W |                    |             |                         |  |                                 |                             |          |
| G29      | Group of Goat Willow (Salix caprea)   | 5         | Multi                | 0.25             | 0                | 0 | 6  | 3 | 0                  | Middle aged | Poor                    | These specimens have collapsed to the south                | Remove                          | <10                         | U        |
| G30      | Group of Birch (Betula pendula), Holly (Ilex aquifolium), Oak (Quercus robur), Hawthorn (Crataegus monogyna) and Hazel (Corylus avellana) | Up to 14  | Single and multi     | 0.4 (avg)        | 4                | 5 | 7  | 5 | 2                  | Mature      | Fair                    | Linear feature sited on earth bank                         | No action required at this time | 20-40                       | B        |
| T31      | Oak (Quercus robur)   | 17        | Multi                | 0.9              | 6                | 8 | 10 | 9 | 4                  | Mature      | Good                    | Woodland edge tree of good form with broad-spreading habit | No action required at this time | >40                         | A        |
| T32      | Oak (Quercus robur)   | 7         | Multi                | 0.3              | 3                | 2 | 2  | 3 | 1                  | Middle aged | Fair                    | Scrubby specimen of variable form                          | No action required at this time | 20-40                       | C        |
| T33      | Oak (Quercus robur)   | 18        | Single               | 0.48             | 6                | 7 | 6  | 6 | 2                  | Mature      | Good                    | Good quality tree with upright habit                       | No action required at this time | >40                         | A        |

| Tree No. | Species   | Height(m) | Single/Multi Stemmed | Stem Diameter(m) | Branch Spread(m) |   |   |   | Height of Crown(m) | Age         | Physiological Condition | Structural Condition  | Prel. Man. Recommendations      | Est. Remaining Contribution | Category |
|----------|---|-----------|----------------------|------------------|------------------|---|---|---|--------------------|-------------|-------------------------|---|---------------------------------|-----------------------------|----------|
|          |   |           |                      |                  | N                | E | S | W |                    |             |                         |   |                                 |                             |          |
| G34      | Group of Goat Willow (Salix caprea)                           | 10        | Multi                | 0.7              | 9                | 4 | 3 | 9 | 0                  | Mature      | Poor                    | These specimen have collapsed   | Remove                          | <10                         | U        |
| G35      | Group of Holly (Ilex aquifolium) and Hazel (Corylus avellana) | 6         | Multi                | 0.2              | 2                | 2 | 2 | 2 | 1                  | Middle aged | Fair                    | Scrubby specimens forming gappy hedgerow  | No action required at this time | 20-40                       | C        |
| G36      | Group of Oak (Quercus robur)                                  | 19        | Single and multi     | 0.55             | 7                | 6 | 5 | 9 | 2                  | Mature      | Fair                    | Hedgerow tree sited on earth bank   | Crown raise to 3m               | >40                         | B        |
| T37      | Oak (Quercus robur)   | 18        | Multi                | 0.6              | 9                | 8 | 7 | 8 | 3                  | Mature      | Good to fair            | Twin stemmed hedgerow specimen of good upright habit  | No action required at this time | >40                         | B        |
| T38      | Oak (Quercus robur)   | 18        | Single               | 0.46             | 3                | 7 | 7 | 5 | 2                  | Mature      | Fair                    | Hedgerow tree of variable form with crown more heavily developed on southern and eastern side | No action required at this time | >40                         | B        |

| Tree No. | Species  | Height(m) | Single/Multi Stemmed | Stem Diameter(m) | Branch Spread(m) |   |   |   | Height of Crown(m) | Age         | Physiological Condition | Structural Condition   | Prel. Man. Recommendations      | Est. Remaining Contribution | Category |
|----------|--|-----------|----------------------|------------------|------------------|---|---|---|--------------------|-------------|-------------------------|--|---------------------------------|-----------------------------|----------|
|          |  |           |                      |                  | N                | E | S | W |                    |             |                         |  |                                 |                             |          |
| G39      | Group of Hazel (Corylus avellana), Holly (Ilex aquifolium), Goat Willow (Salix caprea), Oak (Quercus robur) and Ash (Fraxinus excelsior) | Up to 15  | Single and multi     | 0.25 (avg)       | 2                | 4 | 2 | 4 | 2                  | Middle aged | Fair                    | Scrubby specimens forming gappy hedgerow sited on earth bank   | No action required at this time | >40                         | B        |
| T40      | Oak (Quercus robur)  | 4         | Single               | 0.13             | 1                | 2 | 2 | 1 | 2                  | Young       | Fair to poor            | Isolated specimen of variable form with some pruning damage in lower crown which has led to commencement of internal decay | Monitor for health              | 10-20                       | C        |
| T41      | Ash (Fraxinus excelsior)   | 15        | Multi                | 0.45             | 3                | 6 | 6 | 2 | 3                  | Middle aged | Poor                    | Multi stemmed hedgerow specimen with evidence of Ash Die-back disease  | Remove                          | <10                         | U        |
| T42      | Hazel (Corylus avellana)   | 4         | Multi                | 0.15             | 5                | 1 | 1 | 1 | 1                  | Middle aged | Fair to poor            | Scrubby specimen of variable form leaning to the north   | No action required at this time | 10-20                       | C        |

| Tree No. | Species  | Height(m) | Single/Multi Stemmed | Stem Diameter(m) | Branch Spread(m) |   |   |   | Height of Crown(m) | Age         | Physiological Condition | Structural Condition   | Prel. Man. Recommendations      | Est. Remaining Contribution | Category |
|----------|--|-----------|----------------------|------------------|------------------|---|---|---|--------------------|-------------|-------------------------|--|---------------------------------|-----------------------------|----------|
|          |  |           |                      |                  | N                | E | S | W |                    |             |                         |  |                                 |                             |          |
| T43      | Oak (Quercus robur)  | 14        | Single               | 0.35             | 8                | 4 | 1 | 3 | 2                  | Mature      | Fair to poor            | Hedgerow tree of variable form with extensive epicormic shoots throughout crown indicating that this specimen is of low vigour and potentially declining condition | Monitor for health              | 10-20                       | C        |
| G44      | Group of Hazel (Corylus avellana)  | 6         | Multi                | 0.25             | 3                | 2 | 1 | 3 | 1                  | Middle aged | Fair                    | Scrubby specimens forming gappy hedgerow   | No action required at this time | 20-40                       | C        |
| G45      | Group of Hawthorn (Crataegus monogyna), Oak (Quercus robur) and Goat Willow (Salix caprea) | 5         | Single and multi     | 0.15 (avg)       | 3                | 2 | 2 | 2 | 1                  | Young       | Fair to poor            | Scrubby self-sown specimens. Goat Willow has collapsed.  | Remove Goat Willow              | 10-20                       | C        |

| Tree No. | Species   | Height(m) | Single/Multi Stemmed | Stem Diameter(m) | Branch Spread(m) |   |   |   | Height of Crown(m) | Age         | Physiological Condition | Structural Condition  | Prel. Man. Recommendations      | Est. Remaining Contribution | Category |
|----------|---|-----------|----------------------|------------------|------------------|---|---|---|--------------------|-------------|-------------------------|---|---------------------------------|-----------------------------|----------|
|          |   |           |                      |                  | N                | E | S | W |                    |             |                         |   |                                 |                             |          |
| G46      | Group of Hawthorn (Crataegus monogyna), Oak (Quercus robur), Holly (Ilex aquifolium), Goat Willow (Salix caprea) and Hazel (Corylus avellana) | Up to 10  | Single and multi     | 0.25 (avg)       | 2                | 5 | 2 | 4 | 1                  | Middle aged | Fair                    | Scrubby specimens forming gappy hedgerow sited on wall structure  | No action required at this time | 20-40                       | C        |
| T47      | Ash (Fraxinus excelsior)  | 18        | Multi                | 0.7              | 3                | 6 | 5 | 6 | 2                  | Middle aged | Poor                    | Hedgerow tree with extensive die-back throughout crown thus indicating that this specimen is infected with Ash Die-back disease | Remove                          | <10                         | U        |

| Tree No. | Species  | Height(m) | Single/Multi Stemmed | Stem Diameter(m) | Branch Spread(m) |   |   |   | Height of Crown(m) | Age         | Physiological Condition | Structural Condition   | Prel. Man. Recommendations                                      | Est. Remaining Contribution | Category |
|----------|--|-----------|----------------------|------------------|------------------|---|---|---|--------------------|-------------|-------------------------|--|---|-----------------------------|----------|
|          |  |           |                      |                  | N                | E | S | W |                    |             |                         |  |   |                             |          |
| G48      | Group of Goat Willow (Salix caprea), Ash (Fraxinus excelsior), Oak (Quercus robur), Holly (Ilex aquifolium) and Hazel (Corylus avellana) | Up to 17  | Single and multi     | 0.35 (avg)       | 4                | 6 | 3 | 7 | 2                  | Middle aged | Fair                    | Scrubby specimens forming gappy hedgerow sited on earth bank. Many specimens of Goat Willow lean excessively to the east and west. | Remove excessively leaning trees. Monitor Ash trees for health. | 20-40                       | C        |
| T49      | Oak (Quercus robur)  | 16        | Single               | 0.35             | 5                | 5 | 4 | 6 | 4                  | Mature      | Good                    | Notable hedgerow tree of good form and well-balanced crown   | No action required at this time                                 | >40                         | A        |

| Tree No.                             | Species   | Height(m) | Single/Multi Stemmed | Stem Diameter(m) | Branch Spread(m) |   |   |    | Height of Crown(m) | Age         | Physiological Condition | Structural Condition   | Prel. Man. Recommendations   | Est. Remaining Contribution | Category |
|--------------------------------------|---|-----------|----------------------|------------------|------------------|---|---|----|--------------------|-------------|-------------------------|--|--|-----------------------------|----------|
|                                      |   |           |                      |                  | N                | E | S | W  |                    |             |                         |  |  |                             |          |
| G50                                  | Group of Holly (Ilex aquifolium), Hazel (Corylus avellana), Hawthorn (Crataegus monogyna), Oak (Quercus robur), Goat Willow (Salix caprea) and Birch (Betula pendula) | 10        | Single and multi     | 0.15 (avg)       | 1                | 2 | 1 | 3  | 0                  | Middle aged | Fair to poor            | Scrubby specimens forming gappy hedgerow that have been significantly reduced in relation to overhead cables | Monitor for safety   | 20-40                       | C        |
| T51                                  | Oak (Quercus robur)   | 18        | Multi                | 0.55             | 5                | 7 | 6 | 6  | 4                  | Mature      | Fair                    | Twin stemmed specimen of reasonable form. Northern-most stem extends asymmetrically to the east.             | Remove northern-most stem by cutting 1.5m to the north of the southern-most stem | >40                         | B        |
| T52 (Approx position marked on plan) | Oak (Quercus robur)   | 18        | Single               | 0.54             | 9                | 7 | 9 | 10 | 2                  | Mature      | Good                    | Tree of good form and well-balanced crown  | No action required at this time  | >40                         | A        |



| Tree No. | Species  | Height(m) | Single/Multi Stemmed | Stem Diameter(m) | Branch Spread(m) |   |   |   | Height of Crown(m) | Age         | Physiological Condition | Structural Condition  | Prel. Man. Recommendations                                | Est. Remaining Contribution | Category |
|----------|--|-----------|----------------------|------------------|------------------|---|---|---|--------------------|-------------|-------------------------|---|---|-----------------------------|----------|
|          |  |           |                      |                  | N                | E | S | W |                    |             |                         |   |   |                             |          |
| G53      | Group of Goat Willow (Salix caprea)  | 5         | Multi                | 0.3              | 0                | 7 | 1 | 0 | 0                  | Middle aged | Poor                    | These specimens have collapsed                                    | Remove  | <10                         | U        |
| G54      | Group of Hazel (Corylus avellana), Holly (Ilex aquifolium), Ash (Fraxinus excelsior), Goat Willow (Salix caprea) and Sycamore (Acer pseudo-platanus) | 10        | Single and multi     | 0.25             | 1                | 2 | 3 | 2 | 0                  | Middle aged | Fair                    | Scrubby specimens forming gappy hedgerow dominated by Goat Willow | Monitor stability of Goat Willow                          | 20-40                       | C        |
| T55      | Oak (Quercus robur)  | 18        | Multi                | 0.55             | 7                | 8 | 6 | 6 | 2                  | Mature      | Fair                    | Twin stemmed specimen with evidence of weakness within lower fork | Undertake 4m overall crown reduction. Monitor for safety. | 10-20                       | C        |
| T56      | Oak (Quercus robur)  | 19        | Single               | 0.48             | 8                | 8 | 5 | 7 | 3                  | Mature      | Good                    | Woodland edge tree of good upright habit                          | No action required at this time                           | >40                         | A        |

| Tree No. | Species                    | Height(m) | Single/Multi Stemmed | Stem Diameter(m) | Branch Spread(m) |   |    |   | Height of Crown(m) | Age         | Physiological Condition | Structural Condition   | Prel. Man. Recommendations      | Est. Remaining Contribution | Category |
|----------|----------------------------|-----------|----------------------|------------------|------------------|---|----|---|--------------------|-------------|-------------------------|--|---------------------------------|-----------------------------|----------|
|          |                            |           |                      |                  | N                | E | S  | W |                    |             |                         |  |                                 |                             |          |
| T57      | Goat Willow (Salix caprea) | 12        | Multi                | 0.4              | 9                | 3 | 1  | 2 | 1                  | Middle aged | Poor                    | Scrubby specimen leaning excessively to the north-east. This specimen is at risk of failure. | Remove                          | <10                         | U        |
| T58      | Oak (Quercus robur)        | 19        | Multi                | 0.6              | 5                | 3 | 11 | 9 | 2                  | Mature      | Fair                    | Twin stemmed woodland edge specimen of reasonable form                                       | No action required at this time | >40                         | B        |
| T59      | Ash (Fraxinus excelsior)   | 19        | Single               | 0.34             | 4                | 3 | 5  | 5 | 6                  | Middle aged | Fair to poor            | Woodland edge tree of reasonable form with evidence of slight die-back within crown          | Monitor for health              | 10-20                       | C        |
| T60      | Oak (Quercus robur)        | 18        | Single               | 0.51             | 8                | 5 | 8  | 5 | 3                  | Mature      | Fair                    | Woodland edge tree of reasonable form  | No action required at this time | >40                         | B        |
| T61      | Holly (Ilex aquifolium)    | 5         | Multi                | 0.3              | 2                | 2 | 2  | 2 | 0                  | Middle aged | Fair to poor            | Scrubby specimen that has been reduced in the past   | No action required at this time | 20-40                       | C        |
| T62      | Oak (Quercus robur)        | 18        | Single               | 0.62             | 6                | 7 | 9  | 8 | 2                  | Mature      | Good                    | Woodland edge tree of good form and well-balanced crown                                      | No action required at this time | >40                         | A        |

| Tree No. | Species   | Height(m) | Single/Multi Stemmed | Stem Diameter(m) | Branch Spread(m) |   |   |   | Height of Crown(m) | Age         | Physiological Condition | Structural Condition   | Prel. Man. Recommendations      | Est. Remaining Contribution | Category |
|----------|---|-----------|----------------------|------------------|------------------|---|---|---|--------------------|-------------|-------------------------|--|---------------------------------|-----------------------------|----------|
|          |   |           |                      |                  | N                | E | S | W |                    |             |                         |  |                                 |                             |          |
| G63      | Group of Hazel (Corylus avellana), Holly (Ilex aquifolium), Oak (Quercus robur) and Privet (Ligustrum)              | 8         | Multi                | 0.35             | 3                | 4 | 3 | 3 | 1                  | Middle aged | Fair                    | Shrubby specimens forming gappy hedgerow   | No action required at this time | >40                         | B        |
| G64      | Group of Ash (Fraxinus excelsior)   | 17        | Multi                | 0.35             | 5                | 5 | 5 | 5 | 2                  | Middle aged | Fair                    | Hedgerow trees of upright habit that are vulnerable to developing Ash Die-back disease                                 | Monitor for health              | 10-20                       | C        |
| G65      | Group of Holly (Ilex aquifolium), Hazel (Corylus avellana), Goat Willow (Salix caprea) and Ash (Fraxinus excelsior) | Up to 16  | Single and multi     | 0.25             | 3                | 3 | 2 | 2 | 1                  | Middle aged | Fair to poor            | Scrubby specimens of variable form creating gappy hedgerow. Goat Willows may become at risk of failure as they mature. | Monitor for stability           | 10-20                       | C        |

| Tree No. | Species   | Height(m) | Single/Multi Stemmed | Stem Diameter(m) | Branch Spread(m) |   |   |   | Height of Crown(m) | Age         | Physiological Condition | Structural Condition   | Prel. Man. Recommendations      | Est. Remaining Contribution | Category |
|----------|---|-----------|----------------------|------------------|------------------|---|---|---|--------------------|-------------|-------------------------|--|---------------------------------|-----------------------------|----------|
|          |   |           |                      |                  | N                | E | S | W |                    |             |                         |  |                                 |                             |          |
| G66      | Group of Alder (Alnus glutinosa), Ash (Fraxinus excelsior), Birch (Betula pendula), Hazel (Corylus avellana) and Privet (Ligustrum) | Up to 18  | Single and multi     | 0.35             | 3                | 4 | 3 | 3 | 2                  | Middle aged | Fair                    | Trees and shrubs forming gappy hedgerow. Ash are at risk of developing Ash Die-back disease.   | Monitor for health              | 10-20                       | C        |
| T67      | Goat Willow (Salix caprea)  | 7         | Multi                | 0.25             | 2                | 4 | 1 | 0 | 1                  | Middle aged | Poor                    | Scrubby specimen with weak basal forks   | Remove                          | <10                         | U        |
| G68      | Group of 2 Hazel (Corylus avellana)   | 3         | Multi                | 0.15             | 2                | 1 | 1 | 2 | 1                  | Middle aged | Fair                    | Scrubby woodland edge specimens  | No action required at this time | 20-40                       | C        |
| T69      | Ash (Fraxinus excelsior)  | 22        | Single               | 0.35             | 5                | 4 | 5 | 6 | 6                  | Mature      | Poor                    | Tree of reasonable form sited on trackside bank. Extensive basal decay on northern side of main stem is likely to lead to total failure in the foreseeable future. | Remove                          | <10                         | U        |

| Tree No. | Species   | Height(m) | Single/Multi Stemmed | Stem Diameter(m) | Branch Spread(m) |     |     |     | Height of Crown(m) | Age         | Physiological Condition | Structural Condition  | Prel. Man. Recommendations      | Est. Remaining Contribution | Category |
|----------|---|-----------|----------------------|------------------|------------------|-----|-----|-----|--------------------|-------------|-------------------------|---|---------------------------------|-----------------------------|----------|
|          |   |           |                      |                  | N                | E   | S   | W   |                    |             |                         |   |                                 |                             |          |
| T70      | Oak (Quercus robur)   | 17        | Single               | 0.36             | 7                | 4   | 2   | 7   | 3                  | Middle aged | Fair                    | Trackside tree sited within earth bank. Tree of reasonable form.  | No action required at this time | >40                         | B        |
| T71      | Oak (Quercus robur)   | 13        | Single               | 0.32             | 6                | 3   | 1   | 4   | 2                  | Middle aged | Fair                    | Tree of reasonable form slightly suppressed by trees to the south causing crown development to take place mainly on northern side | No action required at this time | >40                         | B        |
| T72      | Ash (Fraxinus excelsior)  | 19        | Single               | 0.35             | 6                | 5   | 3   | 6   | 2                  | Middle aged | Fair                    | Hedgerow tree of reasonable form that is vulnerable to developing Ash Die-back disease  | Monitor for health              | 10-20                       | C        |
| G73      | Group of Hawthorn (Crataegus monogyna), Holly (Ilex aquifolium), Hazel (Corylus avellana), Oak (Quercus robur) and Field Maple (Acer campestre) | 1         | Multi                | 0.1              | 0.5              | 0.5 | 0.5 | 0.5 | 0                  | Middle aged | Fair                    | Tightly clipped boundary hedgerow   | No action required at this time | 20-40                       | C        |

| Tree No. | Species   | Height(m) | Single/Multi Stemmed | Stem Diameter(m) | Branch Spread(m) |     |     |     | Height of Crown(m) | Age         | Physiological Condition | Structural Condition   | Prel. Man. Recommendations      | Est. Remaining Contribution | Category |
|----------|---|-----------|----------------------|------------------|------------------|-----|-----|-----|--------------------|-------------|-------------------------|--|---------------------------------|-----------------------------|----------|
|          |   |           |                      |                  | N                | E   | S   | W   |                    |             |                         |  |                                 |                             |          |
| T74      | Oak (Quercus robur)   | 17        | Single               | 0.54             | 6                | 8   | 7   | 7   | 2                  | Mature      | Good                    | Hedgerow tree of good form with some evidence of root exposure on southern and western side      | Monitor for stability           | >40                         | B        |
| T75      | Ash (Fraxinus excelsior)  | 17        | Single               | 0.28             | 5                | 3   | 5   | 4   | 2                  | Middle aged | Fair                    | Hedgerow tree of variable form that is vulnerable to developing Ash Die-back disease             | Monitor for health              | 10-20                       | C        |
| G76      | Group of Holly (Ilex aquifolium)  | 1         | Multi                | 0.1              | 0.5              | 0.5 | 0.5 | 0.5 | 0                  | Middle aged | Fair                    | Boundary hedgerow  | No action required at this time | 20-40                       | C        |
| T77      | Oak (Quercus robur)   | 16        | Single               | 0.37             | 3                | 6   | 6   | 3   | 2                  | Middle aged | Fair                    | Hedgerow tree of reasonable form leaning slightly to the south-east                              | No action required at this time | >40                         | B        |
| G78      | Group of Hazel (Corylus avellana), Holly (Ilex aquifolium), Hawthorn (Crataegus monogyna), Oak (Quercus robur) and Ash (Fraxinus excelsior) | Up to 14  | Single and multi     | 0.35 (avg)       | 3                | 4   | 3   | 4   | 1                  | Middle aged | Fair                    | Scrubby specimens forming gappy hedgerow. Ash are vulnerable to developing Ash Die-back disease. | Monitor for health              | 20-40                       | C        |

| Tree No. | Species  | Height(m) | Single/Multi Stemmed | Stem Diameter(m) | Branch Spread(m) |   |    |   | Height of Crown(m) | Age         | Physiological Condition | Structural Condition  | Prel. Man. Recommendations           | Est. Remaining Contribution | Category |
|----------|--|-----------|----------------------|------------------|------------------|---|----|---|--------------------|-------------|-------------------------|---|--------------------------------------|-----------------------------|----------|
|          |  |           |                      |                  | N                | E | S  | W |                    |             |                         |   |                                      |                             |          |
| T79      | Oak (Quercus robur)  | 18        | Multi                | 0.75             | 8                | 6 | 8  | 8 | 2                  | Mature      | Fair                    | Twin stemmed hedgerow specimen of reasonable form   | No action required at this time      | >40                         | B        |
| T80      | Oak (Quercus robur)  | 19        | Multi                | 0.85             | 12               | 8 | 10 | 9 | 5                  | Mature      | Fair                    | Notable multi stemmed hedgerow specimen of reasonable form. Northern-most stem has partially collapsed.                                 | Remove northern-most stem            | >40                         | B        |
| G81      | Group of Oak (Quercus robur), Goat Willow (Salix caprea), Holly (Ilex aquifolium) and Hazel (Corylus avellana) | Up to 17  | Single and multi     | 0.4 (avg)        | 6                | 5 | 5  | 5 | 2                  | Middle aged | Fair                    | Linear feature containing mainly Oak trees sited on low bank. Some specimens of Goat Willow leaning excessively to the north and south. | Remove excessively leaning specimens | >40                         | B        |
| T82      | Goat Willow (Salix caprea)   | 4         | Single               | 0.32             | 8                | 0 | 0  | 3 | 0                  | Middle aged | Poor                    | This specimen has collapsed   | Remove                               | <10                         | U        |

| Tree No. | Species   | Height(m) | Single/Multi Stemmed | Stem Diameter(m) | Branch Spread(m) |    |   |    | Height of Crown(m) | Age         | Physiological Condition | Structural Condition   | Prel. Man. Recommendations                 | Est. Remaining Contribution | Category |
|----------|---|-----------|----------------------|------------------|------------------|----|---|----|--------------------|-------------|-------------------------|--|--|-----------------------------|----------|
|          |   |           |                      |                  | N                | E  | S | W  |                    |             |                         |  |  |                             |          |
| G83      | Group of Oak (Quercus robur), Ash (Fraxinus excelsior), Sycamore (Acer pseudo-platanus), Holly (Ilex aquifolium) and Hazel (Corylus avellana) | Up to 21  | Single and multi     | 0.6 (avg)        | 7                | 8  | 7 | 8  | 2                  | Mature      | Good                    | Notable hedgerow containing trees of generally good upright habit. Ash may be vulnerable to developing Ash Die-back disease. | Crown raise to 3m. Monitor Ash for health. | >40                         | B        |
| T84      | Oak (Quercus robur)   | 22        | Multi                | 0.9              | 10               | 11 | 9 | 10 | 3                  | Mature      | Good                    | Notable multi stemmed hedgerow tree with upright habit   | No action required at this time            | >40                         | A        |
| T85      | Oak (Quercus robur)   | 17        | Single               | 0.41             | 4                | 3  | 3 | 8  | 3                  | Middle aged | Fair                    | Woodland edge tree of variable form with some deadwood within crown  | Prune to remove major deadwood             | 20-40                       | B        |
| T86      | DEAD  |           |                      |                  |                  |    |   |    |                    |             |                         |  | Remove                                     |                             | U        |
| T87      | Oak (Quercus robur)   | 17        | Single               | 0.56             | 3                | 1  | 1 | 9  | 3                  | Middle aged | Fair                    | Woodland edge tree of variable form leaning to the west  | Monitor for stability                      | 10-20                       | C        |



| Tree No. | Species   | Height(m) | Single/Multi Stemmed | Stem Diameter(m) | Branch Spread(m) |   |   |   | Height of Crown(m) | Age         | Physiological Condition | Structural Condition  | Prel. Man. Recommendations      | Est. Remaining Contribution | Category |
|----------|---|-----------|----------------------|------------------|------------------|---|---|---|--------------------|-------------|-------------------------|---|---------------------------------|-----------------------------|----------|
|          |   |           |                      |                  | N                | E | S | W |                    |             |                         |   |                                 |                             |          |
| G88      | Group of Holly (Ilex aquifolium)                            | 4         | Multi                | 0.15             | 2                | 2 | 2 | 2 | 0                  | Young       | Fair                    | Scrubby woodland understorey specimens  | No action required at this time | 20-40                       | C        |
| G89      | Group of 2 Oak (Quercus robur)                              | 16        | Single and multi     | 0.55             | 5                | 2 | 3 | 7 | 2                  | Middle aged | Fair                    | Woodland edge trees of variable form with crowns more heavily developed on western side   | No action required at this time | 20-40                       | B        |
| G90      | Group of 1 Oak (Quercus robur) and 1 Birch (Betula pendula) | 19        | Multi                | 0.65             | 8                | 8 | 8 | 6 | 3                  | Mature      | Fair                    | Woodland edge trees of reasonable form  | No action required at this time | 20-40                       | B        |
| T91      | Oak (Quercus robur)   | 14        | Multi                | 0.7              | 3                | 2 | 5 | 9 | 3                  | Mature      | Fair                    | Woodland edge tree of variable form with crown more heavily developed on western side   | No action required at this time | >40                         | B        |
| G92      | Group of 2 Oak (Quercus robur)                              | 18        | Single               | 0.38             | 2                | 5 | 5 | 6 | 3                  | Middle aged | Fair                    | Woodland edge trees of reasonable up-right form. Some deadwood within crowns.   | Prune to remove major deadwood  | >40                         | B        |
| T93      | Oak (Quercus robur)   | 21        | Single               | 0.72             | 7                | 8 | 9 | 9 | 5                  | Mature      | Good                    | Notable woodland tree of good form and well-balanced crown. Main stem and mid crown heavily colonised by ivy thus preventing full inspection. Some deadwood within crown. | Prune to remove major deadwood  | >40                         | A        |

| Tree No. | Species   | Height(m) | Single/Multi Stemmed | Stem Diameter(m) | Branch Spread(m) |   |   |   | Height of Crown(m) | Age         | Physiological Condition | Structural Condition   | Prel. Man. Recommendations      | Est. Remaining Contribution | Category |
|----------|---|-----------|----------------------|------------------|------------------|---|---|---|--------------------|-------------|-------------------------|--|---------------------------------|-----------------------------|----------|
|          |   |           |                      |                  | N                | E | S | W |                    |             |                         |  |                                 |                             |          |
| T94      | Oak (Quercus robur)   | 18        | Single               | 0.46             | 5                | 6 | 7 | 3 | 5                  | Middle aged | Fair                    | Woodland tree of variable form with large diameter of deadwood within crown  | Prune to remove major deadwood  | 20-40                       | B        |
| G95      | Group of 6 Oak (Quercus robur)                              | 19        | Single and multi     | 0.4 (avg)        | 6                | 6 | 6 | 6 | 3                  | Middle aged | Fair                    | Woodland trees of good form and well-balanced crowns. Some deadwood within crowns.   | Prune to remove major deadwood  | >40                         | B        |
| G96      | Group of Holly (Ilex aquifolium) and Elder (Sambucus nigra) | 4         | Single and multi     | 0.1              | 1                | 1 | 1 | 1 | 0                  | Young       | Fair                    | Woodland understorey   | No action required at this time | 20-40                       | C        |
| T97      | Ash (Fraxinus excelsior)                                    | 22        | Single               | 0.82             | 10               | 9 | 8 | 8 | 2                  | Mature      | Poor                    | Woodland edge tree exhibiting symptoms of Ash Die-back disease   | Remove                          | <10                         | U        |
| T98      | Oak (Quercus robur)   | 18        | Single               | 0.51             | 12               | 9 | 9 | 9 | 3                  | Mature      | Fair                    | Notable woodland tree of reasonable form. Minor mechanical damage on western side of main stem at 1m has led to development of small cavity. Main stem and mid crown heavily colonised by ivy thus preventing full inspection. | Monitor for stability           | 20-40                       | B        |

| Tree No. | Species   | Height(m) | Single/Multi Stemmed | Stem Diameter(m) | Branch Spread(m) |         |         |         | Height of Crown(m) | Age         | Physiological Condition | Structural Condition  | Prel. Man. Recommendations                                    | Est. Remaining Contribution | Category |
|----------|---|-----------|----------------------|------------------|------------------|---------|---------|---------|--------------------|-------------|-------------------------|---|---|-----------------------------|----------|
|          |   |           |                      |                  | N                | E       | S       | W       |                    |             |                         |   |   |                             |          |
| T99      | Oak (Quercus robur)   | 19        | Single               | 0.47             | 8                | 6       | 5       | 7       | 3                  | Mature      | Fair                    | Woodland tree of good up-right habit. Some deadwood within crown.   | Prune to remove major deadwood                                | >40                         | B        |
| G100     | Group of Goat Willow (Salix caprea), Ash (Fraxinus excelsior), Oak (Quercus robur), Hawthorn (Crataegus monogyna), Birch (Betula pendula), Hazel (Corylus avellana) and Holly (Ilex aquifolium) | Up to 15  | Single and multi     | 0.3 (avg)        | 4 (avg)          | 4 (avg) | 4 (avg) | 4 (avg) | 1                  | Middle aged | Fair to poor            | Wooded area containing trees of generally variable form. Some Goat Willows are partially collapsed. Ash are at risk of developing Ash Die-back disease. | Remove dead, dying or dangerous specimens. Monitor for health | 10-20                       | C        |
| G101     | Group of Goat Willow (Salix caprea)   | 13        | Single and multi     | 0.4 (avg)        | 2                | 4       | 9       | 7       | 0                  | Mature      | Poor                    | Trees of poor form that are either partially collapsed or at risk of failure  | Remove  | <10                         | U        |

| Tree No. | Species  | Height(m) | Single/Multi Stemmed | Stem Diameter(m) | Branch Spread(m) |   |   |   | Height of Crown(m) | Age         | Physiological Condition | Structural Condition  | Prel. Man. Recommendations      | Est. Remaining Contribution | Category |
|----------|--|-----------|----------------------|------------------|------------------|---|---|---|--------------------|-------------|-------------------------|---|---------------------------------|-----------------------------|----------|
|          |  |           |                      |                  | N                | E | S | W |                    |             |                         |   |                                 |                             |          |
| T102     | Hazel (Corylus avellana)   | 5         | Multi                | 0.25             | 2                | 2 | 3 | 3 | 1                  | Middle aged | Fair                    | Scrubby specimen of variable form   | No action required at this time | 20-40                       | C        |
| G103     | Group of 2 Hawthorn (Crataegus monogyna)   | 6         | Multi                | 0.25             | 2                | 2 | 3 | 3 | 1                  | Mature      | Fair                    | Scrubby specimens with crowns heavily colonised by ivy  | Sever ivy at base               | 10-20                       | C        |
| T104     | Oak (Quercus robur)  | 17        | Single               | 0.57             | 3                | 7 | 7 | 6 | 2                  | Middle aged | Fair                    | Tree of reasonable form with main stem and mid crown heavily colonised by ivy thus preventing full inspection | Sever ivy at base               | >40                         | B        |
| T105     | Oak (Quercus robur)  | 14        | Single               | 0.31             | 7                | 6 | 6 | 5 | 3                  | Middle aged | Fair                    | Tree of reasonable up-right habit   | No action required at this time | >40                         | B        |
| G106     | Group of Oak (Quercus robur), Hazel (Corylus avellana), Hawthorn (Crataegus monogyna) and Goat Willow (Salix caprea) | 6         | Single and multi     | 0.15             | 2                | 2 | 2 | 2 | 1                  | Young       | Fair                    | Scrubby specimens forming woodland edge   | No action required at this time | 20-40                       | C        |

| Tree No. | Species   | Height(m) | Single/Multi Stemmed | Stem Diameter(m) | Branch Spread(m) |   |   |   | Height of Crown(m) | Age         | Physiological Condition | Structural Condition   | Prel. Man. Recommendations      | Est. Remaining Contribution | Category |
|----------|---|-----------|----------------------|------------------|------------------|---|---|---|--------------------|-------------|-------------------------|--|---------------------------------|-----------------------------|----------|
|          |   |           |                      |                  | N                | E | S | W |                    |             |                         |  |                                 |                             |          |
| G107     | Group of Goat Willow (Salix caprea)   | 4         | Multi                | 0.1              | 1                | 1 | 1 | 1 | 0                  | Young       | Poor                    | Multi stemmed coppice specimens that have been coppiced in the recent past in relation to overhead cables. These specimens are unsuitable for long-term retention. | Remove                          | <10                         | U        |
| G108     | Group of Hazel (Corylus avellana), Goat Willow (Salix caprea) and Hawthorn (Crataegus monogyna) | Up to 11  | Multi                | 0.2 (avg)        | 3                | 3 | 3 | 3 | 0                  | Middle aged | Fair                    | Scrubby specimens forming small copse  | Monitor for stability           | 10-20                       | C        |
| T109     | Oak (Quercus robur)   | 14        | Single               | 0.32             | 4                | 4 | 4 | 4 | 3                  | Middle aged | Fair                    | Tree of good up-right habit  | No action required at this time | >40                         | B        |

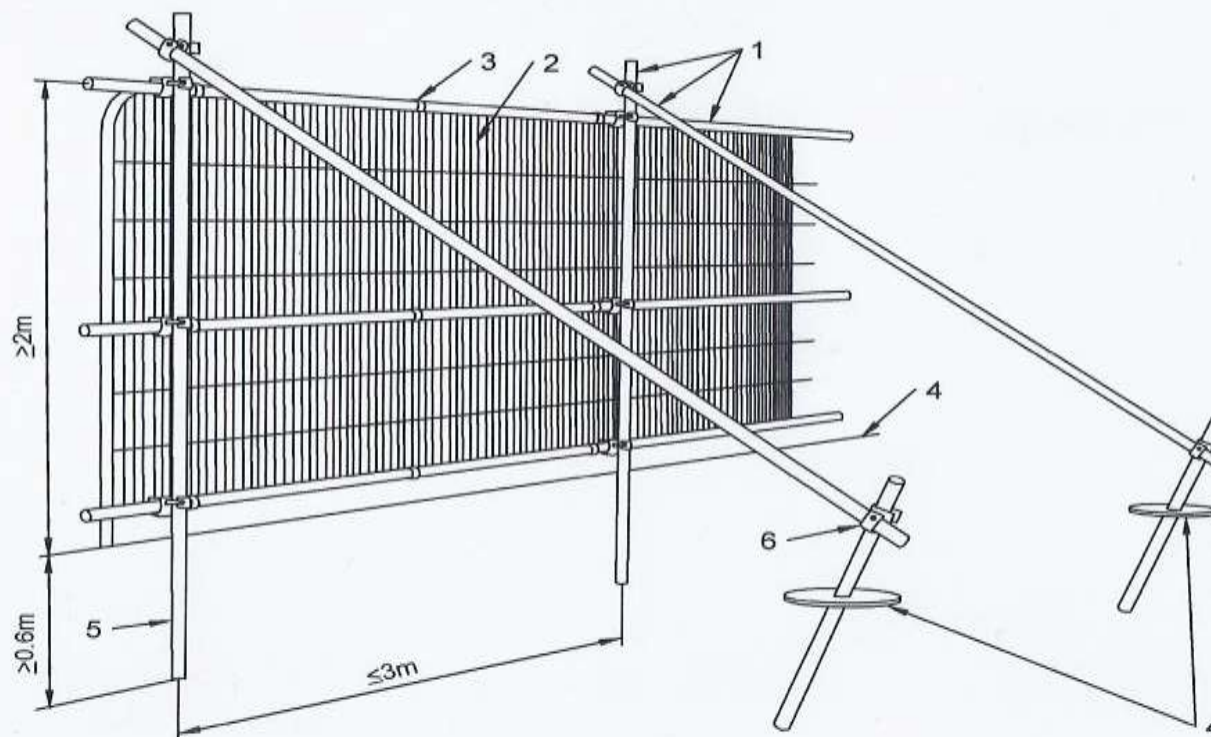
| Tree No. | Species  | Height(m) | Single/Multi Stemmed | Stem Diameter(m) | Branch Spread(m) |   |   |   | Height of Crown(m) | Age         | Physiological Condition | Structural Condition  | Prel. Man. Recommendations      | Est. Remaining Contribution | Category |
|----------|--|-----------|----------------------|------------------|------------------|---|---|---|--------------------|-------------|-------------------------|---|---------------------------------|-----------------------------|----------|
|          |  |           |                      |                  | N                | E | S | W |                    |             |                         |   |                                 |                             |          |
| G110     | Group of Goat Willow (Salix caprea), Hazel (Corylus avellana), Holly (Ilex aquifolium) and Ash (Fraxinus excelsior)                                | Up to 16  | Single and multi     | 0.25 (avg)       | 4                | 4 | 4 | 4 | 1                  | Middle aged | Fair                    | Scrubby specimens forming small copse                           | No action required at this time | 20-40                       | C        |
| G111     | Group of Ash (Fraxinus excelsior), Hazel (Corylus avellana), Holly (Ilex aquifolium), Goat Willow (Salix caprea) and Hawthorn (Crataegus monogyna) | Up to 12  | Single and multi     | 0.2 (avg)        | 2                | 2 | 2 | 2 | 0                  | Middle aged | Fair                    | Scrubby specimens forming hedgerow on boundary of woodland area | No action required at this time | 20-40                       | C        |

| Tree No. | Species   | Height(m) | Single/Multi Stemmed | Stem Diameter(m) | Branch Spread(m) |   |   |   | Height of Crown(m) | Age         | Physiological Condition | Structural Condition   | Prel. Man. Recommendations                | Est. Remaining Contribution | Category |
|----------|---|-----------|----------------------|------------------|------------------|---|---|---|--------------------|-------------|-------------------------|--|---|-----------------------------|----------|
|          |   |           |                      |                  | N                | E | S | W |                    |             |                         |  |   |                             |          |
| T112     | Oak (Quercus robur)   | 14        | Single               | 0.45             | 8                | 4 | 5 | 8 | 3                  | Middle aged | Fair                    | Woodland tree of reasonable form. Some deadwood accumulated in lower crown.                        | Prune to remove major deadwood            | >40                         | B        |
| G113     | Group of Goat Willow (Salix caprea), Hawthorn (Crataegus monogyna), Hazel (Corylus avellana), Holly (Ilex aquifolium), Oak (Quercus robur) and Ash (Fraxinus excelsior) | Up to 15  | Single and multi     | 0.25 (avg)       | 3                | 3 | 3 | 3 | 1                  | Middle aged | Fair to poor            | Generally scrubby specimens forming wooded area. Some specimens of Willow are partially collapsed. | Remove dead, dying or dangerous specimens | 10-20                       | C        |

## Recommendations for Tree Protection during Development

Due to the high risk to established trees we would recommend the installation of protective fencing prior to commencement of **any** works on site in accordance with BS 5837:2012 “Trees in relation to Construction”. Trees should be protected using scaffold frame supporting weld mesh panel fencing sited on the edge of the Root Protection Area as defined in BS5837:2012. These fenced areas should not be used for the storage of any plant machinery or materials and personnel should be excluded at all times; these fences should remain in situ until after final landscaping has been carried out, removed by hand with great care to prevent compaction or root damage to established trees. The services of a suitably qualified arborist should be sought **prior** to the commencement of each stage.

Figure 2 Default specification for protective barrier



### Key

- 1 Standard scaffold poles
- 2 Heavy gauge 2m tall galvanized tube and welded mesh infill panels
- 3 Panels secured to uprights and cross-members with wire ties
- 4 Ground level
- 5 Uprights driven into the ground until secure (minimum depth 0.6m)
- 6 Standard scaffold clamps