

# **ARBORICULTURAL CONDITION SURVEY**

**at:**

**The Former Higher Birch School  
Marland Fold  
Rochdale  
OL11 4RA**

**Client:**

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of Greenstone Construction Ltd.

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22430/TT

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## 1. Introduction

### 1.1 Purpose of the Report

- 1.1.1 This report details the findings of an expert arboricultural condition survey and risk assessment of the trees at:

**The Former Higher Birch School, Marland Fold, Rochdale, OL11 4RA.**

- 1.1.2 This report details the relevant arboricultural information which is required to inform the owners of the condition of their trees and provides specific management actions that, once undertaken, demonstrate that a duty of care has been taken with regards to tree management.

### 1.2 Terms of Reference

- 1.2.1 JCA Ltd are instructed by **Mr Qumar Zaman** to visit the site and prepare our findings in a report.
- 1.2.2 For this purpose, we have drawn a plan of the site showing the trees in relation to their surroundings. The tree locations are indicative however and this plan should not be scaled from.

### 1.3 Scope of the Report

- 1.3.1 This report, and any recommendations made are compiled in accordance with current industry standards and best arboricultural practice.
- 1.3.2 The trees have been inspected in order to assess and, if necessary, reduce their potential risk of harm.
- 1.3.3 All trees within the site boundary with a stem diameter above 75mm are included.

### 1.4 Survey Details

- 1.4.1 The survey was conducted during December 2024 by **Toby Thwaites** *BSc. (Hons), H.N.D. Arboriculture, MarborA, LANTRA Accredited PTI* and **Mick Eltringham** *ND (Forestry), LANTRA Accredited PTI*.
- 1.4.2 Inspections were made visually from ground level, in order to assess the trees condition and potential to cause harm. Where necessary, management recommendations have been made. This may include e.g. tree removal, pruning or future monitoring.
- 1.4.3 Measurements were obtained using clinometers, specialist tapes or electronic distometers. Where this was not possible measurements were estimated.

## 2. Explanation of Tree Descriptions

### 2.1 Measurements

- 2.1.1 *HEIGHT* of the tree is measured from the stem base to the top of the canopy.
- 2.1.2 *CROWN HEIGHT* is an indication of the height at which the main crown begins above ground level.
- 2.1.3 *STEM DIAMETER* is measured at 1.5 metres above (higher) ground level. Where the tree is multi-stemmed at this point; the diameter is measured close to ground level, just above the root buttress.
- 2.1.4 *CROWN SPREAD* is a measurement of the overall width of the crown, at its widest point.

### 2.2 Evaluations

- 2.2.1 *AGE CLASS* of the tree is described as young, semi-mature, early-mature, mature, or over-mature.
- 2.2.2 *PHYSIOLOGICAL CONDITION* is classed as good, fair, poor, or dead. This is an indication of the health of the tree and takes into account vigour, presence of disease and dieback.
- 2.2.3 *STRUCTURAL CONDITION* is classed as good, fair or poor. This is an indication of the structural integrity of the tree and takes into account significant wounds, decay and quality of branch junctions.
- 2.2.4 *LIFE EXPECTANCY* is classed as; less than 10 years (<10), 10-20 years, 20-40 years, or more than 40 years (40+). This is an indication of the number of years before removal of the tree is likely to be required.
- 2.2.5 *TARGET VALUE* is classed as high, moderate or low. This is an indication of the likelihood of persons or objects, the latter having variable significance, being within falling distance of a tree or its branches.
- 2.2.6 *PRIORITY*. A priority rating is given concerning the time periods in which the recommended works should be undertaken. LOW priority works should be undertaken within 12 months of the survey, MOD (moderate) priority works should be undertaken within 6 months and HIGH priority works should be completed as soon as practically possible. If no works are recommended, N/A (not applicable) will be used.
- 2.2.7 *RE-INSPECTION TIMING* is classed as; 6 months (0.5), 1 year (1), 2 years (2), or within 5 years (5). This is an indication of the timescale in which a tree should be re-inspected; a specific time of year for the inspection may also be detailed in the recommendations.

## 2.3 Works Categories

2.3.1 *WORK CATEGORIES* for the trees are as follows:

2.3.2 ***A (marked in green on the plan) = posing no immediate risk: no action required.***

These trees are considered to be in an acceptable condition at present and require no action at this time. However, these trees may require future management.

2.3.3 ***B (marked in light blue on the plan) = posing a potential risk: action required.***

These trees pose a potential risk and therefore require active management. This may include remedial pruning (crown cleaning) or target management.

Such trees may also require a further, more detailed, investigation (such as a climbing inspection or a decay detection analysis) or may require future monitoring (re-surveying and re-assessing) at a timescale specified within this report.

2.3.4 ***R (marked in red on the plan) = trees to be removed.***

These trees require removal usually because they are dead, dying or dangerous and are therefore potentially hazardous. Such trees shall usually require removal as a matter of high priority.

Trees may also require removal in order to prevent damage occurring to existing structures or buildings (where trees are growing within close proximity or are in actual contact) or in order to benefit adjacent trees (where trees are growing in direct competition, the poorer of the two trees may be removed). Such work is usually of a lower priority.

### 3. Status of the Trees

- 3.1 A check was made in December 2024 with ***Rochdale Borough Council***.
- 3.2 We are informed that there is a Tree Preservation Order (TPO) in force on this site (**Ref: TPO No.36**). This order includes two Area TPO's (**A1** and **A2**) and two Group TPO's (**G1** and **G2**), which are relevant to this survey.
- 3.3 All the surveyed trees are protected, as follows.
- TPO No.36 (A1): **T69** and **G70** (as identified in this report).  
TPO No.36 (A2): **T1** to **G38** and **T62** to **T68** (as identified in this report).  
TPO No.36 G1): **G47** to **G61** (as identified in this report).  
TPO No.36 (G2): **T39** to **T46** (as identified in this report).
- 3.4 Before any work is organised to protected trees, an application form must be submitted to the Local Authority, outlining all the proposed works along with suitable justification. A waiting period of eight weeks is then required, after which time the council will either give consent to the works, refuse the works or grant a conditional consent.
- 3.5 ***No work must be done to protected trees until permission has been granted.***

### 4. Tree Descriptions

- 4.1 Full details of all individual trees surveyed are recorded in the tables at **Appendix 1**. Please refer also to the site plan at **Appendix 5** for tree locations and **Section 2** for a full explanation of the tables.

## 5. Discussion & Recommendations

- 5.1 **Fifty-seven** individual trees and **Thirteen** groups of trees were surveyed.
- 5.2 **T12, T16, T20, T22, T23, T24, T32, T37, G41** (two trees), **T45, T53, T63** and **T69** have been recommended for removal, as detailed at **Appendix 1**.
- 5.2.1 The removal of **T20, T22, T32** and **T53** is of **high priority**.
- 5.2.2 The removal of **T12, T16, T23, T37, G41, T45, T63** and **T69** are of **moderate/low priority**.
- 5.2.3 *In addition to the above, the removal of **T11, T19** and **T62**, should be considered if activity on site increases in the areas around these two trees.*
- 5.3 **T14, T21, T28, G38, G40** and **G61** have been recommended for pruning, as detailed at **Appendix 1**.
- 5.3.1 The recommended works for **T14, T28, G38** and **G40** is of **moderate priority**.
- 5.3.2 The recommended works for **T21** is of **low priority**.
- 5.3.3 The work recommended for **G61** is the removal of a limb from a third-party Ash tree, which has split out and is now resting in the canopy of one of the Sycamore trees. The limb is still attached to the third-party tree.
- 5.3.4 *In addition to the above, the pruning of **T36, T64** and **G66** should be considered if activity on site increases in the areas around this tree.*
- 5.4 **T4, T8, T9, T15, T19, T39, T42, T43, T46, G47, T50, T51, T58, T62, T65** and **T68** were noted to have structural or physiological defects, as detailed at **Appendix 1**. The defects observed may lead to their early demise or render these trees unsafe in the future. As such, it is recommended that these trees be monitored (re-inspected) on an annual basis to assess if their condition is still acceptable. Ideally the next inspection should take place when the trees are in full leaf.
- 5.5 **Ash Dieback** (*Hymenoscyphus fraxineus*) is a highly destructive fungal disease affecting Ash trees. Progress of the disease within infected trees can lead to dead or dying branches becoming brittle and falling and it can also leave the trees more susceptible to other diseases or pathogens which can result in major limb or stem failure. Timescales for decline are difficult to define and are dependent on multiple physiological and environmental factors. It is recommended that healthy trees are not felled in anticipation of the disease to allow the opportunity for recovery or the development of resistant strains, but also to protect their ecological value to the surrounding landscape. Regular monitoring and appropriate management strategies can be put in place to facilitate the retention of Ash trees whilst limiting potential hazards. It is therefore recommended that **T9, T11, T13, T18, T25, T29, T48, G61** and **T64**, be re-inspected annually during the Summer months (July – September) to assess the condition of the trees more accurately.

- 5.6 A full detailed inspection of **G5, T34, T35, G40, G52, G54, G55** and **T56** was inhibited by the presence of Ivy (as detailed at **Appendix 1**). It is advised that the Ivy is severed, and then removed once it has died. Following the removal of the Ivy, the trees should be re-inspected for any possible defects, which the Ivy may have been concealing.
- 5.7 Sand piling was observed around the bases of **G40, T46, T51, T52** and **G54**. To benefit the trees, it is advised that the sand is carefully removed using hand tools.
- 5.8 If the recommendations are undertaken, the trees surveyed can be considered to be in adequate condition in terms of public health and safety at this time. However, in the interests of risk management, we recommend that the trees are re-surveyed as per the recommended schedule, in order to ensure their long term-health and safety. Ideally, each new inspection should be undertaken during a different season to observe defects, pests and diseases that are only evident at certain times of the year.
- 5.9 We would be happy to assist should you have any queries regarding the points raised in **Section 5**.

# Appendices

| Tree Ref. | Age<br><br>Species<br><br><i>Latin Name</i>                      | Height (m) | Crown Height (m) | Diameter (cm) | Crown Spread (m) | Observations                                                                                                                                                                                                                                                                                                                                                                                                                         | Physiological Condition | Structural Condition | Life Expectancy (yrs) | Target Value | Recommendations                                                                                                      | Priority | Works Category | Re-Inspection Timing (yrs) |
|-----------|------------------------------------------------------------------|------------|------------------|---------------|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|----------------------|-----------------------|--------------|----------------------------------------------------------------------------------------------------------------------|----------|----------------|----------------------------|
| T 1       | Mature<br><br>Beech<br><br><i>Fagus sylvatica</i>                | 16         | 2                | 93            | 17               | Single-stemmed and vertical. Overhanging the footpath and the garden of the property to the north; the foliage is close to roof of the dwelling. The base is clear of defects.                                                                                                                                                                                                                                                       | GOOD                    | GOOD                 | 40+                   | HIGH         | No action required at present.                                                                                       | N/A      | A              | 2                          |
| G 2       | Early Mature<br><br>Sycamore<br><br><i>Acer pseudoplatanus</i>   | To 12      | 1+               | 29 and 36     | See Plan         | Two close growing trees. Both single-stemmed and leaning (due to T3). Overhanging the footpath and the garden of the property to the north. Deadwood noted (<10cm in diameter).                                                                                                                                                                                                                                                      | GOOD                    | GOOD                 | 20-40                 | MOD          | No action required at present.                                                                                       | N/A      | A              | 2                          |
| T 3       | Mature<br><br>Sycamore<br><br><i>Acer pseudoplatanus</i>         | 13         | 4                | 59            | 12               | Single-stemmed with a slight lean. Overhanging the footpath and marginally over the property to the north. Deadwood noted (<10cm in diameter) and early signs of canker.                                                                                                                                                                                                                                                             | GOOD                    | FAIR                 | 20-40                 | MOD          | No action required at present.                                                                                       | N/A      | A              | 2                          |
| T 4       | Early Mature<br><br>Beech<br><br><i>Fagus sylvatica</i>          | 10         | 2                | 46            | 14               | Single-stemmed and vertical. Several dark stains on the stem.                                                                                                                                                                                                                                                                                                                                                                        | FAIR                    | FAIR                 | 10-20                 | MOD          | Monitor annually.                                                                                                    | MOD      | B              | 1                          |
| G 5       | Semi Mature to Mature<br><br>Beech<br><br><i>Fagus sylvatica</i> | To 14      | 1.5+             | 27 to 69      | See Plan         | Eight close growing trees. Ivy covering most of the stems; a full detailed inspection was not possible. Overhanging the footpath and marginally over the garden of the property to the north. Deadwood noted (<10cm in diameter).                                                                                                                                                                                                    | GOOD                    | FAIR                 | 20-40                 | MOD          | Sever the Ivy and remove this when dead.<br><br>Reinspect the tree for any defects following the removal of the Ivy. | LOW      | B              | 2                          |
| G 6       | Mature<br><br>Mixed                                              | To 20      | 0+               | To 90         | See Plan         | A woodland group along the northern boundary of the site. Species include Oak, Sycamore, Lime and Beech with an understorey of Holly, Elm, Rhododendron, Hawthorn, Cotoneaster and Laurel. Overhanging the public footpath and some of the neighbouring gardens to the north. Most of the trees are slender in form with asymmetric crowns. Shade deadwood and occasional hung-up branches noted; none over the footpath or gardens. | GOOD                    | GOOD                 | 40+                   | MOD          | No action required at present.                                                                                       | N/A      | A              | 2                          |
| T 7       | Mature<br><br>Sycamore<br><br><i>Acer pseudoplatanus</i>         | 17         | 2                | 76            | 12               | Single-stemmed with a slight lean. Biased to the north and overhanging the footpath. A weighted lower branch noted over the footpath and moderate deadwood.                                                                                                                                                                                                                                                                          | GOOD                    | FAIR                 | 20-40                 | MOD          | No action required at present.                                                                                       | N/A      | A              | 2                          |

| Tree Ref. | Age<br><br>Species<br><br><i>Latin Name</i>                     | Height (m) | Crown Height (m) | Diameter (cm) | Crown Spread (m) | Observations                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Physiological Condition | Structural Condition | Life Expectancy (yrs) | Target Value | Recommendations                                                                                                                                | Priority | Works Category | Re-Inspection Timing (yrs) |
|-----------|-----------------------------------------------------------------|------------|------------------|---------------|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|----------------------|-----------------------|--------------|------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------------|----------------------------|
| T 8       | Mature<br><br>Sycamore<br><br><i>Acer pseudoplatanus</i>        | 11         | 4                | 43            | 10               | Twin-stemmed at 4m with an asymmetric crown. Suppressed and biased to the north, over the footpath. A basal wound with the onset of decay noted; good reaction wood observed and this felt solid when probed.                                                                                                                                                                                                                                                                                                                    | GOOD                    | FAIR                 | 10-20                 | MOD          | Monitor annually.                                                                                                                              | MOD      | B              | 1                          |
| T 9       | Mature<br><br>Common Ash<br><br><i>Fraxinus excelsior</i>       | 14         | 6                | 64            | 14               | The crown is suppressed and asymmetric. Pruning wounds with decay up the stems; circa 10cm across on average. Epicormic growth and dieback; possible early onset of Ash Dieback. A large piece of deadwood on the south side; circa 3m in length and 10cm in diameter.                                                                                                                                                                                                                                                           | FAIR                    | FAIR                 | 10-20                 | MOD          | Monitor annually for Ash Dieback.                                                                                                              | MOD      | B              | 1                          |
| T 10      | Mature<br><br>Beech<br><br><i>Fagus sylvatica</i>               | 23         | 9                | 85            | 19               | Three-stemmed at 8 metres with a lean to the south. Included bark noted to the smaller northern stem. Sand piling around the base (eastern side) prevented a full detailed inspection of the base. A mechanical wound on the eastern side of the stem, a hanging branch on the southern side, deadwood (over the site) and a small seam at the base on the eastern side noted.                                                                                                                                                   | GOOD                    | GOOD                 | 40+                   | LOW          | No action required at present.<br><br><i>Remove the hanging branch and deadwood if activity on site increases in this area.</i>                | N/A      | A              | 2                          |
| T 11      | Mature<br><br>Common Ash<br><br><i>Fraxinus excelsior</i>       | 20         | 15               | 72            | 11               | Twin stemmed at approximately 2.5m. Suppressed by the adjacent trees. The eastern stem has split out leaving a large tear wound down the main stem. A dead stem (circa 6m in length and 20cm in diameter) leans out to the north-east.                                                                                                                                                                                                                                                                                           | FAIR                    | POOR                 | 10-20                 | LOW          | Monitor the wound and for signs of Ash Dieback annually.<br><br><i>Consider removing this tree if activity on site increases in this area.</i> | LOW      | B              | 1                          |
| T 12      | Mature<br><br>Common Ash<br><br><i>Fraxinus excelsior</i>       | 21         | 15               | 59            | 10               | Twin stemmed at approximately 8m; bark deformation just below the open union. A cavity noted at an approximate height of 5m contains what appears to be a signs of a squirrel drey. Damage observed to the south side of the stem from an adjacent tree limb failure. A seam and a small wound containing Honey fungus rhizomorphs was noted on the north side of the stem. Changing wood pitches were evident when the tree was tapped (indicating differences in wood density). The crown shows an early onset of Ash Dieback. | FAIR                    | POOR                 | <10                   | LOW          | Remove to ground level.                                                                                                                        | MOD      | R              | N/A                        |
| T 13      | Early Mature<br><br>Common Ash<br><br><i>Fraxinus excelsior</i> | 12         | 3                | 39            | 8                | Twin-stemmed at 3m and leaning. Overhanging the footpath. Minor deadwood in the crown and epicormic growth noted, suggesting an early onset of Ash Dieback.                                                                                                                                                                                                                                                                                                                                                                      | FAIR                    | FAIR                 | 10-20                 | MOD          | Monitor annually for Ash Dieback.                                                                                                              | MOD      | B              | 1                          |

| Tree Ref. | Age<br><br>Species<br><br><i>Latin Name</i>                     | Height (m) | Crown Height (m) | Diameter (cm) | Crown Spread (m) | Observations                                                                                                                                                                                                                                                                                                                                                            | Physiological Condition | Structural Condition | Life Expectancy (yrs) | Target Value | Recommendations                                                                                         | Priority | Works Category | Re-Inspection Timing (yrs) |
|-----------|-----------------------------------------------------------------|------------|------------------|---------------|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|----------------------|-----------------------|--------------|---------------------------------------------------------------------------------------------------------|----------|----------------|----------------------------|
| T 14      | Mature<br><br>Beech<br><br><i>Fagus sylvatica</i>               | 21         | 3                | 89            | 13               | A tight union noted at 8m and a large weighted limb to the north, overhanging the footpath. Squirrel damage evident.                                                                                                                                                                                                                                                    | GOOD                    | FAIR                 | 40+                   | MOD          | Reduce the length of the large weighted limb by 3m.                                                     | MOD      | B              | 2                          |
| T 15      | Mature<br><br>Beech<br><br><i>Fagus sylvatica</i>               | 20         | 3                | 68            | 11               | Single-stemmed and biased to the north. Overhanging the footpath and the adjacent neighbouring garden. A 25cm long cavity noted at a height of 1.2m on the northern side of the stem; this was probed to a depth of 30cm (inwards) and 30cm (downwards).                                                                                                                | GOOD                    | FAIR                 | 10-20                 | MOD          | Monitor the cavity annually.                                                                            | MOD      | B              | 1                          |
| T 16      | Mature<br><br>Common Ash<br><br><i>Fraxinus excelsior</i>       | 18         | 13               | 53            | 10               | Twin stemmed at 6.5m and biased to the south-east. Significant deadwood and dieback; in decline no long term future.                                                                                                                                                                                                                                                    | POOR                    | POOR                 | <10                   | MOD          | Remove to ground level.                                                                                 | MOD      | R              | N/A                        |
| T 17      | Mature<br><br>Beech<br><br><i>Fagus sylvatica</i>               | 17         | 3                | 93            | 15               | Single-stemmed becoming multiple stemmed at 6m. The crown is biased to the north and north-east and is overhanging the footpath and the boundary and adjacent dwelling. A small cavity on the north-eastern side of the stem (at 2m) provides a potential bat roost. Minor deadwood noted.                                                                              | GOOD                    | GOOD                 | 40+                   | HIGH         | No action required at present.                                                                          | N/A      | A              | 2                          |
| T 18      | Early Mature<br><br>Common Ash<br><br><i>Fraxinus excelsior</i> | 16         | 3                | 41            | 12               | Single-stemmed and vertical with a slight kink at 4m. The canopy is biased to the east due to an adjacent Beech tree. An onset of Ash Dieback observed.                                                                                                                                                                                                                 | FAIR                    | FAIR                 | 10-20                 | HIGH         | Monitor the Ash Dieback annually.                                                                       | MOD      | B              | 1                          |
| T 19      | Mature<br><br>Beech<br><br><i>Fagus sylvatica</i>               | 17         | 1.5              | 71, 26        | 13               | Twin stemmed at 3m and suppressed on the north and western sides. The western stem has failed leaving a large stump. The eastern stem overhangs the site and the large southern limb has damage to the top side, which is callusing over; decay may be present here. Squirrel damage noted.                                                                             | GOOD                    | FAIR                 | 10-20                 | LOW          | Monitor annually.<br><br><i>Consider removing this tree if activity on site increases in this area.</i> | LOW      | B              | 2                          |
| T 20      | Mature<br><br>Common Ash<br><br><i>Fraxinus excelsior</i>       | 17         | 2                | 70            | 15               | Twin-stemmed at 12m with an asymmetric canopy. Growing at the top of the banking and overhanging the neighbouring garden. A cavity at the base revealed a hollowing stem which extends down into the rooting system and up into the main stem, with decay noted. Evidence of an early onset of Ash Dieback and historic failed, split out limbs and branch stubs noted. | FAIR                    | POOR                 | <10                   | HIGH         | Remove to ground level.                                                                                 | HIGH     | R              | N/A                        |
| T 21      | Mature<br><br>Beech<br><br><i>Fagus sylvatica</i>               | 22         | 2                | 101           | 17               | Twin-stemmed at 7m with vertical, codominant stems. A possible soil pocket noted in the main union. Small pruning wounds to the lower stem (fully occluded). Squirrel damage and epicormic growth noted.                                                                                                                                                                | GOOD                    | GOOD                 | 40+                   | HIGH         | Remove the epicormic growth to 4m, to improve light levels at the adjacent property.                    | LOW      | B              | 2                          |

| Tree Ref. | Age<br><br>Species<br><br><i>Latin Name</i>                    | Height (m) | Crown Height (m) | Diameter (cm) | Crown Spread (m) | Observations                                                                                                                                                                                                                                                                                                                | Physiological Condition | Structural Condition | Life Expectancy (yrs) | Target Value | Recommendations                                                                                                                                                  | Priority | Works Category | Re-Inspection Timing (yrs) |
|-----------|----------------------------------------------------------------|------------|------------------|---------------|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|----------------------|-----------------------|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------------|----------------------------|
| T 22      | Mature<br><br>Common Ash<br><br><i>Fraxinus excelsior</i>      | 17         | 5                | 61            | 12               | Twin-stemmed at 5m with an aseptic canopy. Overhanging the adjacent garden. Pruning wounds with the onset of decay present on the lower stem. Well established Ash Dieback with large pieces of deadwood noted. In decline; limited long term life expectancy.                                                              | POOR                    | FAIR                 | <10                   | HIGH         | Remove to ground level.                                                                                                                                          | HIGH     | R              | N/A                        |
| T 23      | Mature<br><br>Sycamore<br><br><i>Acer pseudoplatanus</i>       | 13         | 6                | 65            | 14               | Twin-stemmed at 2m. The crown is wide spreading and asymmetric. Extensive bark necrosis noted. Ivy on the stem limited the inspection. In decline; limited long term life expectancy.                                                                                                                                       | POOR                    | POOR                 | <10                   | MOD          | Remove to ground level.                                                                                                                                          | MOD      | R              | N/A                        |
| T 24      | Mature<br><br>Sycamore<br><br><i>Acer pseudoplatanus</i>       | 15         | 6                | 50            | 15               | Multi-stemmed at 4m with a suppressed canopy, which overhangs the neighbouring garden. The canopy grows through the canopy of the adjacent Ash tree. Honey fungus rhizomorphs noted under the bark on the south side of the stem. Ivy on the main stem and epicormic growth at base limited the inspection. Limited future. | FAIR                    | FAIR                 | 10-20                 | HIGH         | Remove to ground level.                                                                                                                                          | MOD      | R              | N/A                        |
| T 25      | Mature<br><br>Common Ash<br><br><i>Fraxinus excelsior</i>      | 20         | 7                | 71            | 20               | Twin-stemmed at 8m with uncharacteristic bark noted in the union; possibly early signs of canker. Occasional stubs from snapped out limbs/pruning and deadwood (<5cm in diameter) noted. Ivy limited the inspection.                                                                                                        | FAIR                    | FAIR                 | 10-20                 | HIGH         | Monitor for Ash Dieback annually.                                                                                                                                | MOD      | B              | 1                          |
| T 26      | Early Mature<br><br>Sycamore<br><br><i>Acer pseudoplatanus</i> | 20         | 10               | 47            | 9                | Single stemmed vertical with an asymmetric crown. Minor deadwood noted.                                                                                                                                                                                                                                                     | GOOD                    | GOOD                 | 40+                   | HIGH         | No action required at present.                                                                                                                                   | N/A      | A              | 2                          |
| T 27      | Early Mature<br><br>Beech<br><br><i>Fagus sylvatica</i>        | 10         | 1.5              | 41            | 8                | A full detailed inspection was not possible due to Ivy. The tree has an asymmetric canopy and squirrel damage was noted.                                                                                                                                                                                                    | GOOD                    | FAIR                 | 20-40                 | MOD          | No action required at present.                                                                                                                                   | N/A      | A              | 2                          |
| T 28      | Mature<br><br>Beech<br><br><i>Fagus sylvatica</i>              | 21         | 2                | 61            | 10               | The canopy is biased to the north-east with weighted limbs noted. Overhanging the adjacent garden. Squirrel damage and minor deadwood observed.                                                                                                                                                                             | GOOD                    | FAIR                 | 20-40                 | HIGH         | Reduce the length of the 2 lowest limbs (on the north-east side) by 5m (over the garden).<br><br>Reduce the length of the largest limb at 13m (east side) by 3m. | MOD      | B              | 2                          |
| T 29      | Mature<br><br>Common Ash<br><br><i>Fraxinus excelsior</i>      | 22         | 5                | 65            | 17               | Twin-stemmed at 5m. Overhanging the boundary and the garden beyond, with weighted limbs noted over the boundary. Early signs of Ash Dieback. Minor deadwood (<10cm in diameter). A small cavity with reaction growth below the second union (circa 7.5m).                                                                   | FAIR                    | FAIR                 | 10-20                 | HIGH         | Monitor annually for Ash Dieback.                                                                                                                                | MOD      | B              | 1                          |

| Tree Ref. | Age<br><br>Species<br><br><i>Latin Name</i>               | Height (m) | Crown Height (m) | Diameter (cm) | Crown Spread (m) | Observations                                                                                                                                                               | Physiological Condition | Structural Condition | Life Expectancy (yrs) | Target Value | Recommendations                                                                                                   | Priority | Works Category | Re-Inspection Timing (yrs) |
|-----------|-----------------------------------------------------------|------------|------------------|---------------|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|----------------------|-----------------------|--------------|-------------------------------------------------------------------------------------------------------------------|----------|----------------|----------------------------|
| T 30      | Mature<br><br>Sycamore<br><br><i>Acer pseudoplatanus</i>  | 20         | 13               | 51            | 11               | Single-stemmed and vertical. Seams on the northern and western side of the stem. Shade deadwood noted.                                                                     | GOOD                    | GOOD                 | 20-40                 | HIGH         | No action required at present.                                                                                    | N/A      | A              | 2                          |
| T 31      | Mature<br><br>Sycamore<br><br><i>Acer pseudoplatanus</i>  | 17         | 3                | 66            | 8                | Leaning slightly with the crown biased to south-east/east. Overhanging the adjacent garden. Shade deadwood.                                                                | GOOD                    | GOOD                 | 40+                   | MOD          | No action required at present.                                                                                    | N/A      | A              | 2                          |
| T 32      | Mature<br><br>Common Ash<br><br><i>Fraxinus excelsior</i> | 16         | 4                | 51            | 8                | Well established Ash Dieback noted. Significant deadwood. In decline.                                                                                                      | POOR                    | POOR                 | <10                   | HIGH         | Remove to ground level.                                                                                           | HIGH     | R              | N/A                        |
| G 33      | Mature<br><br>Beech<br><br><i>Fagus sylvatica</i>         | To 18      | 2                | 42 and 47     | See Plan         | Two close growing trees. Minor deadwood observed.                                                                                                                          | GOOD                    | GOOD                 | 40+                   | HIGH         | No action required at present.                                                                                    | N/A      | A              | 2                          |
| T 34      | Mature<br><br>Beech<br><br><i>Fagus sylvatica</i>         | 12         | 1.5              | 51            | 13               | Twin-stemmed at 3m with an unbalanced crown; the southern limb has failed; a cavity with decay noted in the wound. A full detailed inspection was not possible due to Ivy. | FAIR                    | FAIR                 | 10-20                 | MOD          | Sever the Ivy and remove this when dead.<br><br>Reinspect the wound following the removal of the Ivy.             | MOD      | B              | 1                          |
| T 35      | Mature<br><br>Beech<br><br><i>Fagus sylvatica</i>         | 21         | 1                | 85            | 16               | Leaning slightly and biased to the east. A full detailed inspection was not possible due to dense Ivy. Overhanging the neighbouring garden.                                | GOOD                    | FAIR                 | 40+                   | HIGH         | Sever the Ivy and remove this when dead.<br><br>Reinspect the tree for any defects when the Ivy has been removed. | MOD      | B              | 1                          |
| T 36      | Mature<br><br>Sycamore<br><br><i>Acer pseudoplatanus</i>  | 19         | 4                | 67            | 15               | Single stemmed with epicormic growth at the base. Shade deadwood present.                                                                                                  | GOOD                    | FAIR                 | 20-40                 | MOD          | No action required at present.<br><br><i>Remove the deadwood if activity on site increases in this area.</i>      | N/A      | A              | 2                          |
| T 37      | Mature<br><br>Beech<br><br><i>Fagus sylvatica</i>         | 16         | 6                | 59            | 11               | A long wound up the stem on the north-east side from the base to 5m; a large column of decay with rams horn regrowth noted around the edges.                               | GOOD                    | POOR                 | 10-20                 | MOD          | Remove.                                                                                                           | MOD      | R              | N/A                        |

| Tree Ref. | Age<br><br>Species<br><br><i>Latin Name</i>                   | Height (m) | Crown Height (m) | Diameter (cm) | Crown Spread (m) | Observations                                                                                                                                                                                                                                                                                                                                                                                                           | Physiological Condition | Structural Condition | Life Expectancy (yrs) | Target Value | Recommendations                                                                                                                                                                           | Priority | Works Category | Re-Inspection Timing (yrs) |
|-----------|---------------------------------------------------------------|------------|------------------|---------------|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|----------------------|-----------------------|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------------|----------------------------|
| G 38      | Semi-mature<br><br>Sycamore<br><br><i>Acer pseudoplatanus</i> | To 17      | 0+               | To 50         | See Plan         | Predominantly single-stemmed Sycamore trees with an understorey of occasional Holly, Rhododendron, Snowberry, Elder and Privet. The crowns are asymmetric due to their close proximity to the other trees. The canopies overhang the boundary and the adjacent gardens. Minor deadwood, Ivy and occasional branch stubs from lifting over the gardens noted.                                                           | GOOD                    | GOOD                 | 40+                   | HIGH         | Remove the deadwood.                                                                                                                                                                      | MOD      | B              | 2                          |
| T 39      | Mature<br><br>Sycamore<br><br><i>Acer pseudoplatanus</i>      | 15         | 7                | #55           | 10               | Single-stemmed and vertical with a fairly narrow crown. Occasional pruning wounds from crown lifting. Slight stem bulging from 2m to 3m. Damage to western and northern sides of the stem. Firm when probed. An old bird box is attached to the stem.                                                                                                                                                                  | GOOD                    | FAIR                 | 20-40                 | HIGH         | Monitor the wounding annually.                                                                                                                                                            | LOW      | B              | 1                          |
| G 40      | Mature<br><br><br><br>Mixed                                   | To 17      | 4+               | 30 to 95      | See Plan         | A linear group consisting of Sycamore, Silver Birch, Beech and Norway Maple with an understorey of Rhododendron, Hawthorn, Elder, Sycamore saplings and Bramble. The canopies are overhanging the adjacent gardens. The larger stems are Ivy clad which limited the inspection. Minor deadwood, occasional branch stubs and minor bark damage (mechanical) noted. Occasional stems have sand piled around their bases. | GOOD                    | FAIR                 | 20-40                 | HIGH         | Remove the deadwood.<br><br>Remove the sand using had tools.<br><br>Sever the Ivy and remove this when dead.<br><br>Reinspect the trees for any defects following the removal of the Ivy. | MOD      | B              | 2                          |
| G 41      | Semi Mature to Early Mature<br><br>Mixed                      | To 12      | From 5           | 32 , 40#      | 5 Ash<br>6 Elm   | Two adjacent trees; one Ash and one Elm. The crowns overhang the adjacent garden. The Elm is completely dead and Ivy clad. The Ash has Ash Dieback and is in decline.                                                                                                                                                                                                                                                  | POOR                    | POOR                 | <10                   | HIGH         | Remove to ground level.                                                                                                                                                                   | MOD      | R              | N/A                        |
| T 42      | Mature<br><br>Beech<br><br><i>Fagus sylvatica</i>             | 16         | 4                | 74            | 13               | Upright and becoming multiple-stemmed circa 6m. Historic pruning wounds (occluding well). A small area of dark exudate ( <i>Phytophthora spp.</i> ) on the north-western side of the stem. Bark loss (mechanical damage) on the lower stem.                                                                                                                                                                            | GOOD                    | FAIR                 | 20-40                 | MOD          | Monitor annually.                                                                                                                                                                         | MOD      | B              | 2                          |
| T 43      | Mature<br><br>Beech<br><br><i>Fagus sylvatica</i>             | 16         | 4                | 77            | 12               | Multiple-stemmed at 2m; historically reduced and crown lifted. The limb to the south-west has included bark with the main stem. Changing wood pitches were evident when the tree was tapped (indicating differences in wood density). Dark exudates ( <i>Phytophthora spp.</i> ) on the lower stem and bark wounds/bark loss due to mechanical damage.                                                                 | GOOD                    | FAIR                 | 10-20                 | MOD          | Monitor annually.                                                                                                                                                                         | MOD      | B              | 1                          |

| Tree Ref. | Age<br><br>Species<br><br><i>Latin Name</i>                       | Height (m) | Crown Height (m) | Diameter (cm)         | Crown Spread (m) | Observations                                                                                                                                                                                                                                | Physiological Condition | Structural Condition | Life Expectancy (yrs) | Target Value | Recommendations                                                                                                                                          | Priority | Works Category | Re-Inspection Timing (yrs) |
|-----------|-------------------------------------------------------------------|------------|------------------|-----------------------|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|----------------------|-----------------------|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------------|----------------------------|
| T 44      | Early Mature<br><br>Hawthorn<br><br><i>Crataegus monogyna</i>     | 10         | 3                | 33                    | 7.5              | Overhanging the boundary. Some deadwood noted.                                                                                                                                                                                              | GOOD                    | FAIR                 | 20-40                 | MOD          | No action required at present.                                                                                                                           | N/A      | A              | 2                          |
| T 45      | Early Mature<br><br>Hawthorn<br><br><i>Crataegus monogyna</i>     | 7          | 2                | 35                    | 4                | Overhanging the boundary. Changing wood pitches were evident when the tree was tapped (indicating differences in wood density/likely hollowing on the northern side of the stem). Branch stubs and deadwood noted.                          | FAIR                    | POOR                 | <10                   | MOD          | Remove to ground level.                                                                                                                                  | MOD      | R              | N/A                        |
| T 46      | Early Mature<br><br>Holly<br><br><i>Ilex aquifolium</i>           | 8.5        | 2                | 25                    | 4                | Sand piled around the base. Dieback in the lower canopy.                                                                                                                                                                                    | FAIR                    | FAIR                 | 10-20                 | MOD          | Remove the sand using had tools.<br><br>Monitor annually.                                                                                                | MOD      | B              | 1                          |
| G 47      | Semi Matur to Early Mature<br><br>Mixed                           | To 12      | 2+               | 36 + 28, 27 and to 12 | See Plan         | Two Cherry trees and a Hawthorn; one Cherry is single stemmed and one twin-stemmed with a tight union. The Hawthorn is multiple stemmed. The twin-stemmed Cherry is occluding the adjacent fence post. The surface roots have been damaged. | GOOD                    | FAIR                 | 10-20                 | MOD          | Monitor annually.                                                                                                                                        | MOD      | B              | 1                          |
| T 48      | Early Mature<br><br>Common Ash<br><br><i>Fraxinus excelsior</i>   | 12         | 3                | 43                    | 8                | Twin stemmed at 1.8m and overhanging the adjacent garden. Early symptoms of Ash Dieback. Mechanical damage at base; bark loss and root damage. Barbed wire occluded into the stem.                                                          | FAIR                    | FAIR                 | <10                   | MOD          | Monitor annually for Ash Dieback.                                                                                                                        | MOD      | B              | 1                          |
| T 49      | Early Mature<br><br>Sycamore<br><br><i>Acer pseudoplatanus</i>    | 13         | 4                | 39                    | 7                | Single-stemmed with a lean. Overhanging the boundary. Sand piling around at the base. Bark wounds and shade deadwood noted.                                                                                                                 | GOOD                    | FAIR                 | 20-40                 | MOD          | Remove the sand using had tools.                                                                                                                         | N/A      | B              | 2                          |
| T 50      | Mature<br><br>Sycamore<br><br><i>Acer pseudoplatanus</i>          | 15         | 1.5              | 60                    | 13               | Single-stemmed and upright. Overhanging the boundary. Bark necrosis and wounds at the base on the southern side of the stem. Shade deadwood noted.                                                                                          | GOOD                    | FAIR                 | 10-20                 | MOD          | Monitor annually.                                                                                                                                        | MOD      | B              | 1                          |
| T 51      | Mature<br><br>Horse Chestnut<br><br><i>Aesculus hippocastanum</i> | 16         | 1                | 84                    | 15               | A seam on the southern side of the lower stem with bacterial oozing within. Mechanical damage (bark wounds) and sand piling at the base.                                                                                                    | GOOD                    | FAIR                 | 10-20                 | MOD          | Remove the sand using had tools.<br><br>Monitor annually.                                                                                                | MOD      | B              | 1                          |
| T 52      | Mature<br><br>Sycamore<br><br><i>Acer pseudoplatanus</i>          | 12         | 6                | 61                    | 13               | Single stemmed vertical with an asymmetrical crown. Ivy clad; a full detailed inspection was not possible. Some sand piling around the base and some mechanical damage to the lower stem noted. Minor shade deadwood.                       | GOOD                    | GOOD                 | 20-40                 | MOD          | Remove the sand using had tools.<br><br>Sever the Ivy and remote this when dead.<br><br>Reinspect the tree for defects following the removal of the Ivy. | MOD      | B              | 2                          |

| Tree Ref. | Age<br><br>Species<br><br><i>Latin Name</i>                       | Height (m) | Crown Height (m) | Diameter (cm) | Crown Spread (m) | Observations                                                                                                                                                                                                                                                                     | Physiological Condition | Structural Condition | Life Expectancy (yrs) | Target Value | Recommendations                                                                                              | Priority | Works Category | Re-Inspection Timing (yrs) |
|-----------|-------------------------------------------------------------------|------------|------------------|---------------|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|----------------------|-----------------------|--------------|--------------------------------------------------------------------------------------------------------------|----------|----------------|----------------------------|
| T 53      | Mature<br><br>Common Ash<br><br><i>Fraxinus excelsior</i>         | 17         | 9                | 74            | 17               | Single stemmed, vertical and Ivy clad. Significant wounding and extensive decay at the base and into the root ball. There is a decay column on the south-eastern side to a height around 2m and deadwood in the crown.                                                           | FAIR                    | POOR                 | <10                   | HIGH         | Remove to ground level.                                                                                      | HIGH     | R              | N/A                        |
| G 54      | Semi Mature<br><br>Norway Maple<br><br><i>Acer platanoides</i>    | To 11      | 4                | 29, 30        | 7 and 8          | Two close growing trees. The western most tree is Ivy clad. Mechanical bark wounds to the lower stems and stubs from ripped branches. Some sand piling at the base.                                                                                                              | GOOD                    | GOOD                 | 20-40                 | MOD          | Sever the Ivy and remove this when dead (to aid future inspections).<br><br>Remove the sand using had tools. | LOW      | B              | 2                          |
| G 55      | Mature<br><br>Sycamore<br><br><i>Acer pseudoplatanus</i>          | #19        | 5+               | 60, 73        | 14 and 14        | Two single-stemmed, vertical trees forming a homogeneous crown. Overhanging the boundary. Shade deadwood throughout. Ivy growing into the scaffold branches.                                                                                                                     | GOOD                    | GOOD                 | 40+                   | MOD          | Sever the Ivy and remove this when dead (to aid future inspections).                                         | LOW      | B              | 2                          |
| T 56      | Semi Mature<br><br>Norway Maple<br><br><i>Acer platanoides</i>    | 11         | 3                | 33            | 8                | Twin-stemmed at 3m with a tight union. Bark wounds to the lower stem and tear branches at 2.5m. The crown overhangs the boundary. Ivy clad.                                                                                                                                      | GOOD                    | FAIR                 | 20-40                 | MOD          | Sever the Ivy and remove this when dead (to aid future inspections).                                         | LOW      | B              | 2                          |
| T 57      | Mature<br><br>Sycamore<br><br><i>Acer pseudoplatanus</i>          | 17         | 10               | 42            | 6                | Single-stemmed with a kink. Supressed due to adjacent trees with the canopy biased to the south. Pruning wounds from crown lifting are occluding well. Bark wounds to the main stem (mechanical damage).                                                                         | GOOD                    | FAIR                 | 20-40                 | MOD          | No action required at present.                                                                               | N/A      | A              | 2                          |
| T 58      | Mature<br><br>Horse Chestnut<br><br><i>Aesculus hippocastanum</i> | 18         | 4                | 70            | 10               | Single-stemmed and vertical with a reasonably balanced crown. Mechanical wounds to the lower stem. An old wound on the south side of the stem has reactionary growth; the exposed wood was firm when probed. Bark necrosis to the lower stem (west side), with some decay noted. | FAIR                    | FAIR                 | 10-20                 | MOD          | Monitor annually.                                                                                            | MEDIUM   | B              | 1                          |
| T 59      | Mature<br><br>Silver Birch<br><br><i>Betula pendula</i>           | 17         | 6                | 50            | 11               | Twin-stemmed at 5m. The canopy is biased to the south and west. Mechanical bark damage to the base. Minor shade deadwood.                                                                                                                                                        | GOOD                    | GOOD                 | 20-40                 | MOD          | No action required at present.                                                                               | N/A      | A              | 2                          |
| T 60      | Semi Mature<br><br>Lime<br><br><i>Tilia sp.</i>                   | 9          | 2                | 12, 13, 25    | 7.5              | Three-stemmed from the base. Slightly suppressed by the adjacent vegetation. Minor bark wounds to the north side and ripped branches.                                                                                                                                            | GOOD                    | FAIR                 | 40+                   | MOD          | No action required at present.                                                                               | N/A      | A              | 2                          |

| Tree Ref. | Age<br><br>Species<br><br><i>Latin Name</i>               | Height (m) | Crown Height (m) | Diameter (cm) | Crown Spread (m) | Observations                                                                                                                                                                                                                                                                                                                                                                           | Physiological Condition | Structural Condition | Life Expectancy (yrs) | Target Value | Recommendations                                                                                                                   | Priority | Works Category | Re-Inspection Timing (yrs) |
|-----------|-----------------------------------------------------------|------------|------------------|---------------|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|----------------------|-----------------------|--------------|-----------------------------------------------------------------------------------------------------------------------------------|----------|----------------|----------------------------|
| G 61      | Mature<br><br>Mixed                                       | To 19      | 6+               | 43 to 54      | See Plan         | Three Sycamore trees and one Ash tree. The crowns overhang the boundary. Evidence of historic pruning. The central Sycamore is Ivy clad. The Ash tree has a stem kink at 3m. A large limb from an off site Ash has split out, and whilst still attached to the tree, it is now resting in the canopy of the smaller Sycamore within G61.                                               | GOOD                    | GOOD                 | 40+                   | MOD          | Remove the Ash limb which is resting in the canopy of the Sycamore tree.<br><br>Monitor annually for Ash Dieback.                 | LOW      | B              | 2                          |
| T 62      | Mature<br><br>Sycamore<br><br><i>Acer pseudoplatanus</i>  | 18         | 2                | 61            | 11               | Single-stemmed and vertical. Excessive deadwood and dieback in the upper canopy. A limited basal flare suggests historic piling at the base.                                                                                                                                                                                                                                           | POOR                    | FAIR                 | <10                   | MOD          | Monitor annually.<br><br><i>Consider removal if activity on site increases in this area.</i>                                      | LOW      | B              | 1                          |
| T 63      | Mature<br><br>Common Ash<br><br><i>Fraxinus excelsior</i> | 17         | 15               | 47            | 7                | Single-stemmed with a kinked lower section; becoming twin-stemmed at 6m. Decay and a cavity at the union. Drawn in form with a small crown. Deadwood throughout; Ash Dieback likely.                                                                                                                                                                                                   | FAIR                    | POOR                 | <10                   | LOW          | Remove: consider retaining as a monolith (reduced to the union, leaving an approximately 6m tall stem).                           | LOW      | R              | N/A                        |
| T 64      | Mature<br><br>Common Ash<br><br><i>Fraxinus excelsior</i> | 19         | 7                | 61            | 15               | Twin-stemmed at 3m; one stem is vertical, the other is weighted and leans out to the north.                                                                                                                                                                                                                                                                                            | GOOD                    | FAIR                 | 20-40                 | LOW          | Monitor annually for Ash Dieback.<br><br><i>Reduce the weighted limb if activity on site increases in this area.</i>              | LOW      | B              | 1                          |
| T 65      | Mature<br><br>Beech<br><br><i>Fagus sylvatica</i>         | 19         | 2+               | 82            | 14               | Single-stemmed with a slight lean to the northwest. Basal decay noted on the north side of the stem; this felt firm when probed. Minor deadwood throughout and a ripped branch end to the north.                                                                                                                                                                                       | GOOD                    | FAIR                 | 20-40                 | LOW          | Monitor annually.                                                                                                                 | LOW      | B              | 1                          |
| G 66      | Semi Mature to Mature<br><br>Mixed                        | To 24      | 2+               | To 50         | See plan         | A woodland group consisting predominantly of Beech with occasional Common Ash, Wild Cherry and Sycamore, with an understorey of Holly, Ash regeneration and occasional Hawthorn and Elm. Most of the trees are slender in form with asymmetric crowns. Shade deadwood throughout and occasional hung up branches noted (some over the access track). Early onset of Ash Dieback noted. | GOOD                    | GOOD                 | 40+                   | LOW          | No action required at present.<br><br><i>Remove the deadwood and hung up branches if activity on site increases in this area.</i> | LOW      | A              | 2                          |
| T 67      | Mature<br><br>Beech<br><br><i>Fagus sylvatica</i>         | 22         | 1                | 83            | 14               | A tree with a slight lean, growing adjacent to the existing track. A small bark wound at the base, deadwood and Ivy noted.                                                                                                                                                                                                                                                             | GOOD                    | GOOD                 | 40+                   | LOW          | No action required at present.                                                                                                    | N/A      | A              | 2                          |
| T 68      | Mature<br><br>Lime<br><br><i>Tilia sp.</i>                | 21         | 2                | 93            | 18               | Three stemmed at 2.5m. Dark exudates on the eastern side of the stem. Minor deadwood in the crown and damage to the lowest limb on the western side. Possible vehicle damage over the rooting area.                                                                                                                                                                                    | FAIR                    | FAIR                 | 10-20                 | LOW          | Monitor biennially.                                                                                                               | MOD      | B              | 2                          |

| Tree Ref. | Age<br><br>Species<br><br><i>Latin Name</i>     | Height (m) | Crown Height (m) | Diameter (cm) | Crown Spread (m) | Observations                                                                                                                                                                                | Physiological Condition | Structural Condition | Life Expectancy (yrs) | Target Value | Recommendations                | Priority | Works Category | Re-Inspection Timing (yrs) |
|-----------|-------------------------------------------------|------------|------------------|---------------|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|----------------------|-----------------------|--------------|--------------------------------|----------|----------------|----------------------------|
| T 69      | Early Mature<br><br>Elm<br><br><i>Ulmus sp.</i> | 12         | n/a              | 34            | 5                | A dead standing tree.                                                                                                                                                                       | DEAD                    | DEAD                 | <10                   | MOD          | Remove to ground level.        | MOD      | R              | N/A                        |
| G 70      | Mature<br><br>Mixed                             | To 18      | 2.5 +            | To 98         | See plan         | A group of Sycamore and Beech trees which are overhanging the boundary. One Beech has snapped out circa 3m. Deadwood, wind snapped branches, occasional cavities and squirrel damage noted. | GOOD                    | FAIR                 | 20-40                 | MOD          | No action required at present. | N/A      | A              | 2                          |

## Appendix 2: Explanation of Terms & Recommended Clearances

|                         |                                                                                                                                                                             |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Canker</b>           | Disease damaged area of a tree, usually caused by fungus or bacteria.                                                                                                       |
| <b>Co-dominant Stem</b> | A stem which has grown in direct competition to the main stem and which has formed a substantial size influencing the appearance of the tree.                               |
| <b>Crown lift</b>       | The removal of the lowest branches, usually to a given height. It allows more residual light and greater clearance underneath for vehicles etc.                             |
| <b>Crown reduce</b>     | The reduction of a tree's height or spread while preserving its natural shape.                                                                                              |
| <b>Crown thin</b>       | The removal of some of the density of a tree's crown, usually 5-25% allowing more light through its canopy and reducing wind resistance.                                    |
| <b>Deadwood</b>         | The removal of all dead, dying and diseased branches from a tree.                                                                                                           |
| <b>Dieback</b>          | Where branches are beginning to show signs of death usually at the tips in the crown.                                                                                       |
| <b>Epicormic shoots</b> | Small branches that grow in uncharacteristic clusters around the base or the stem of a tree, usually as a result of bad pruning or some other stress factor.                |
| <b>Included bark</b>    | Where the bark on two adjoining branches or stems is growing tight together, forming a joint with limited physical strength.                                                |
| <b>Pollarding</b>       | A method of tree management in which the main trunk of the tree is cut at about 4m, and the resulting branches are then cropped on a regular basis.                         |
| <b>Remedial pruning</b> | The removal of old stubs, deadwood, epicormic growth, rubbing or crossing branches and other unwanted items from the tree's crown. Sometimes referred to as crown cleaning. |

### Recommended Clearances

JCA recommend the following distances are maintained:

|                                            |                                                           |
|--------------------------------------------|-----------------------------------------------------------|
| Height for pedestrian access:              | No less than 2.5m                                         |
| Height for vehicular access:               | No less than 4m for a minor road                          |
|                                            | No less than 6m for major roads or where buses will pass. |
| Distance from overhead cables:             | No less than 2m                                           |
| Distance from building or other structure: | No less than 2m                                           |
| Distance from lamppost or sign             | Sufficient to not impede visibility for 2 years.          |

## Appendix 3: Author Qualifications

### Principal Consultant and Managing Director

**Jonathan Cocking** *F.R.E.S., Tech. Cert. (Arbor.A), PDipArb (RFS) FArborA CBiol MSB. MICFor.* Jonathan is a Registered Consultant and Fellow of the Arboricultural Association and sits on its Professional Committee. He has 31 years' experience in the Arboricultural profession and served for eight years as Senior Arboriculturist with a large local authority before establishing JCA in 1997. Jonathan has since developed JCA's portfolio of services and its extensive client base. He is a Chartered Biologist, a Chartered Arboriculturalist and an Expert Witness with much experience of litigation work.

### Technical Director

**Toby Thwaites** *BSc (Hons), HND (Arboriculture), MArborA, LANTRA Accredited PTI.* Toby joined JCA in 1998 after graduating in Ecology at the University of Huddersfield and has since graduated in Arboriculture at the University of Central Lancashire. A former JCA team leader and Consulting Arboriculturist, Toby is now Technical Director and oversees all office and on-site activities at JCA and is on hand to offer technical support and advice.

### Operations Director

**Charles Cocking** *FdSc (Arboriculture), MArborA, LANTRA Accredited PTI.* Charles joined JCA in January 2014 having previously worked for the company on a part time basis during 2013. Charles obtained his Foundation Degree in Arboriculture at Askham Bryan College, York, and is a Professional Member of the Arboricultural Association. Charles now oversees all internal operations for the company.

### Consulting Staff: Arboriculture

**Andrew Bussey** *LANTRA Accredited PTI.* Andrew started working in consultancy at JCA in 2006 having spent 12 years working as an arborist for various private companies before joining a Local Authority forestry team. He has various NPTC qualifications, is QTRA qualified and is a LANTRA Accredited Professional Tree Inspector.

**Emily Wilde** *FdSc (Arboriculture), LANTRA Accredited PTI.* Emily joined JCA having previously worked for various private tree surgery and consultancy companies over the past 8 years. She initially obtained a ND in Forestry & Arboriculture, followed by a FdSc in Arboriculture at Askham Bryan College, York. Emily has various NPTC certificates and is QTRA qualified.

**Mick Eltringham** *ND (Forestry), LANTRA Accredited PTI.* Mick joined JCA after spending 12 years working in the industry for various private companies in the north and south of England. He has also spent the last five years working as a consultant for two canopy research projects in the Amazon Rainforest, working with Oxford University and the University of Arizona. He has various NPTC Qualifications.

**Dan Kemp** *FdSc (Arboriculture), BTEC National Diploma(Arboriculture), National Certificate In Horticulture, City & Guilds In Horticulture, LANTRA Accredited PTI.* Dan joined JCA in February 2019 with nearly 30 years' experience in arboriculture with extensive Botanical and Mycological expertise. He worked as a London Tree Officer for 12 years and in several arboricultural and horticultural management posts, specialising particularly in tree risk assessments and tree related subsidence.

**Luke Wickham** *FdSc (Arboriculture and Urban Forestry), TechArborA, LANTRA Accredited PTI.* Luke joined JCA in 2021 after obtaining his Foundation Degree in Arboriculture and Urban Forestry at Askham Bryan College. Having previously worked within the industry for the past 4 years, running his own small business and sub-contracting for local firms, Luke brings a sound knowledge and understanding of the practical and academic sides of the industry.

**David de Peña** *BSc (Hons) Ecology and Conservation.* After earning his degree from Manchester Metropolitan University, David worked as an ecologist at various consultancies, contributing to a wide range of projects, including major infrastructure projects across the UK. More recently, David transitioned to arboriculture and served as a surveyor for Manchester City of Trees, where he participated in a project to quantify the value of Greater Manchester's woodlands and trees.

**Stella Bolam** *Dip Arb L4 (ABC), TechArborA.* Stella joined JCA having previously worked at a Local Authority as a Community Forestry Project Development Officer for over two years. She holds a degree in English, gained her Level 4 Diploma in Arboriculture in 2023, and was elected as a Board Trustee for the Arboricultural Association in 2022.

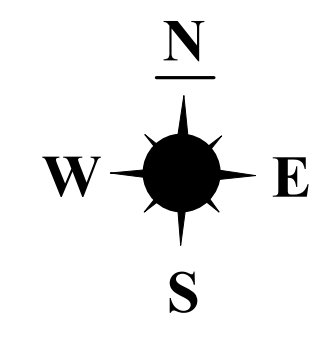
### Administrative Staff

**Catherine Cocking** Accounts Manager.  
**Kelly Saunders** Accounts Assistant.

**Lorraine Spink** Administrative Assistant.  
**Adie Gray** I.T. Officer.

## Appendix 4: General Guidelines

- A4.1 All tree work should be undertaken to BS 3998: 2010 'Recommendations for tree work' or other recognised industry practice.
- A4.2 Staff carrying out the work must be qualified, experienced and ideally be Arboricultural Association approved contractors. They should be covered by adequate public liability insurance.
- A4.3 This report is based upon a visual inspection. The consultant shall not be responsible for events which happen after this time due to factors which were not apparent at the time, and the acceptance of this report constitutes an agreement with the guidelines and the terms listed in this report.
- A4.4 Any defects seen by a contractor or the employer that were not apparent to the consultant must be brought to the consultant's attention immediately.
- A4.5 No liability can be accepted by JCA in respect of the trees unless the recommendations of this report are carried out under the supervision of JCA and within JCA's timescale.
- A4.6 It is advisable to have trees inspected by an arboricultural consultant on a regular basis. In this instance it is recommended that these inspections are made as per the recommended re-inspection timings at **Appendix 1**.



## Appendix 5: Site Plan

**ADDRESS:** The Former Higher Birch School,  
Marland Fold, Rochdale, OL11 4RA.  
**JCA REF:** 22430/TT

| NOT TO SCALE       |              | PAPER SIZE      | A1 |
|--------------------|--------------|-----------------|----|
| SURVEYED BY: TT/ME | DRAWN BY: TT | APPROVED BY: ME |    |

| TREE WORKS CATEGORIES                                                                                  |                                                     |
|--------------------------------------------------------------------------------------------------------|-----------------------------------------------------|
| Detailed definitions of the works categories can be found in Section 2.3 of the arboricultural report. |                                                     |
|                                                                                                        | WORKS CATEGORY A:<br>NO WORKS REQUIRED AT THIS TIME |
|                                                                                                        | WORKS CATEGORY B:<br>WORKS OR MONITORING REQUIRED   |
|                                                                                                        | WORKS CATEGORY R:<br>TREE TO BE REMOVED             |



**Arboricultural & Forestry Consultants**

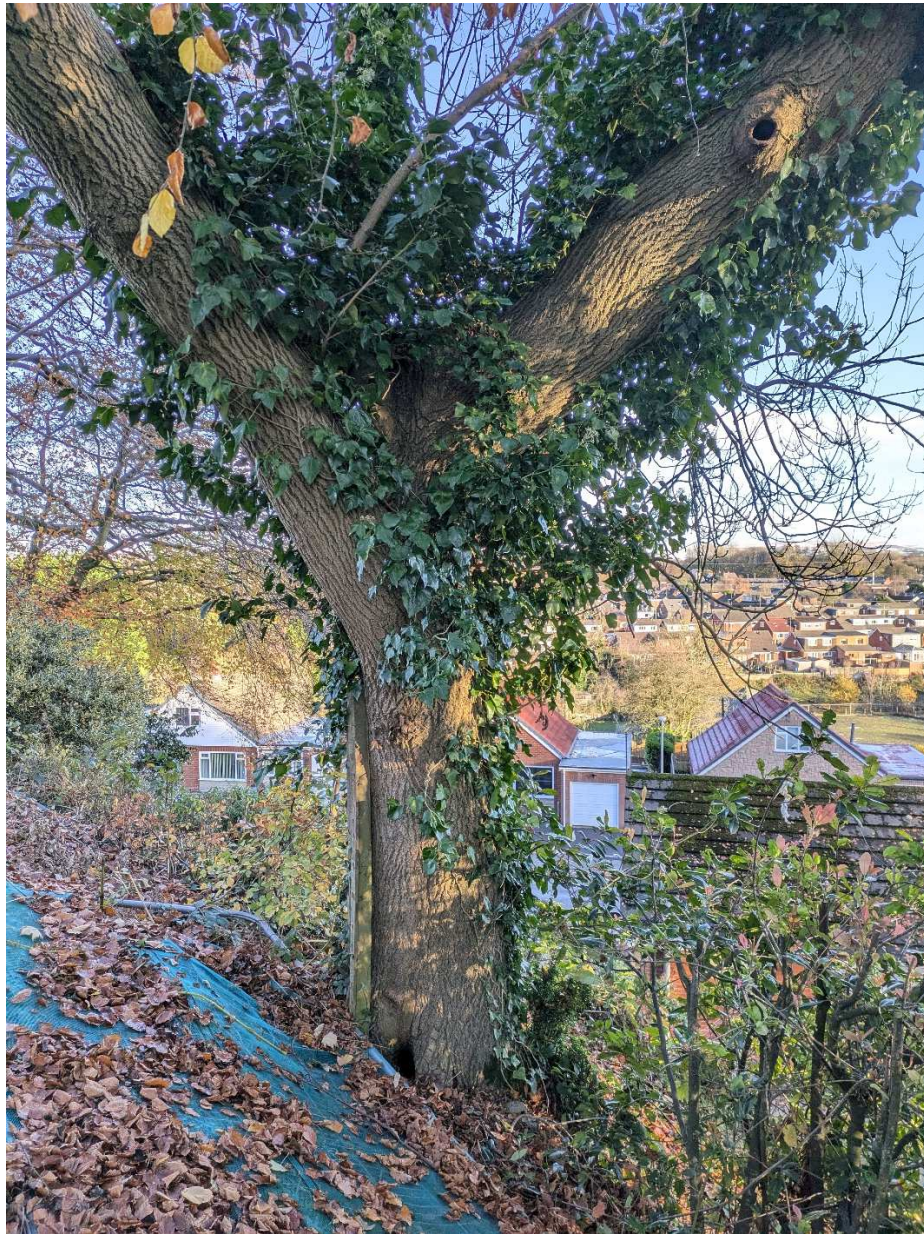
## Appendix 6: Photographs



The stem of **T12** which has a seam and a small wound within the northern side of the stem.



A close-up view of the small wound on **T12** which upon inspection was noted to contain Honey Fungus rhizomorphs



A view of **T20** which has a cavity at the base.



The cavity at the base of **T20** which revealed a hollow stem and decay.



A close-up view of the wound at the base of **T24** which upon inspection was noted to contain Honey Fungus rhizomorphs



A view of **T37** which has a large stem wound with decay.



A view of the lower stem of **T53**.



A view of the base of **T53**.



A view of **T69**, a dead Elm.

I hope that this report provides all the necessary information, but should any further advice be needed please do not hesitate to contact the author.

Signed

***T. Thwaites***

.....

Toby Thwaites BSc. (Hons), H.N.D. Arboriculture, MA ArborA. LANTRA Accredited PTI.

20<sup>th</sup> December 2024

For and on behalf of ***JCA Ltd***

**Registered Office**

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# JCA Ltd. Arboricultural and Ecological Consultants

## Professional Tree and Ecology Advice nationwide

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### ARBORICULTURAL SERVICES

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#### Guidance for Architects and Developers

- British Standard 5837 Tree Surveys
- Arboricultural Implication Assessments (AIA)
- Arboricultural Method Statements (AMS)

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#### Advice for Engineers, Loss Adjusters and Insurers

- Tree Surveys for Subsidence
- Heave Assessment
- Tree Root Identification

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#### Advice for Local Authorities and Social Housing

- Tree Safety Surveys
- Specialist Decay Detection
- Landscape and Orchard Design

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#### Tree Advice for the Legal Profession

- Subsidence Litigation
- Personal Injury and Accident Investigation
- Expert Witness, Planning Inquiries and Appeals

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#### Veteran Tree Management

- Ancient Woodland Management
- Veteran Tree Management

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#### Tree Health and Pest and Disease Management

- Pest and Disease Surveys
- Tree Health Checks
- Disease Mitigation and Control

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### ECOLOGICAL SERVICES

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#### Ecological Pre-Planning Services

- Phase 1 Habitat Surveys
- Great Crested Newt eDNA Sampling
- Protected Species: Bat, Wintering and Nesting Bird, Badger, Amphibian, Otter, Water Vole, White-Clawed Crayfish, Dormice and Reptile Surveys.
- Preparation for Environmental Impact Assessment (EIA)
- Invasive Species Surveys
- Code for Sustainable Homes

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#### Ecological Post-Planning Services

- Biodiversity Enhancement Plans
- Protected Species Mitigation
- Ecological Management (Bat and Bird box installation and inspection)

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#### HEAD QUARTERS:

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