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| PROJECT REF: | LD10848 |
| TECHNICAL NOTE REF. | LD10848-0009 |
| SUBJECT: | Clarification Note for Barnsley Metropolitan Council – Arboriculture |
| DATE: | 21 st May 2024 Revised 17 th June 2024 |
| PREPARED BY: | Alan Reid – Principal Arboriculturist Revision prepared by Kelly Stewart – Senior Arboriculturist |
| REVIEWED BY: | Tim Palmer – Technical Director (Ecology) |
| REVIEWED & APPROVED BY: | Moray Simpson – Technical Director (Arboriculture) |

1 INTRODUCTION

- 1.1 Following the submission of a planning application for a mixed-use development to provide up to 1,560 new homes and up to 43 hectares of employment land (planning reference numbers 2021/1089 employment element and 2021/1090 residential element) a number of comments/ queries have been received from Barnsley Council’s Biodiversity Officer and Tree Officer.
- 1.2 Wardell Armstrong, acting as lead arboriculture advisors for the proposed development scheme have been tasked with provision of clarifications to the Council’s queries. This Technical Note provides clarifications relating to the ancient woodland (AW) arboricultural impacts only. Matters pertaining to the arboricultural clarifications for the rest of the site are to be provided in a separate clarification note.
- 1.3 The Tree Protection (TPP) Plan Ref. LD10361-030 Rev. D is referred to in this note, thus is included in Appendix 3.

2 ANCIENT WOODLAND CLARIFICATIONS

- 2.1 We note the Council’s comments with regard to the potential for direct impacts to the AWs Ref. W1a and W1b. The comments from the Council are as follows:
 - *‘Clarification is required following further survey work to establish the least damaging methods of installing the surface water drainage outfalls within the AW buffer zone and AW.*
 - *Amendments required to provide Flexipave to all the routes through the ancient woodland’;*

- 2.2 By way of clarification, there will be no culverting of the existing watercourses within the AW or within the AW buffer zone.
- 2.3 Three surface water connections are proposed from the attenuation basins to the existing water course within the AWs Ref. W1a and W1b, with each being required to deal with overflow at greenfield run-off rates from the attenuation basins.
- 2.4 Wardell Armstrong's Principal Arboriculturist met the Project's drainage expert, Nick Dunwoodie on site on 27th February 2024 to assess the least damaging routes for the three-surface water drainage runs to the watercourse within the AWs. Subsequent to this site meeting, a BS 5837 survey was undertaken of all trees within the AWs within influencing distance of the three drainage run locations with the trees plotted using sub-metre GPS. The locations of these surface water drainage runs are shown in Figure 1 below and on the appended TPP Ref. LD10361-030 Rev. D, along with the additional surveyed trees and trees required to be removed to enable the drainage to be installed. The revised survey data for the whole Site, which includes the individually surveyed trees within the AW, can be found in Appendix 1 of this Clarification Note.

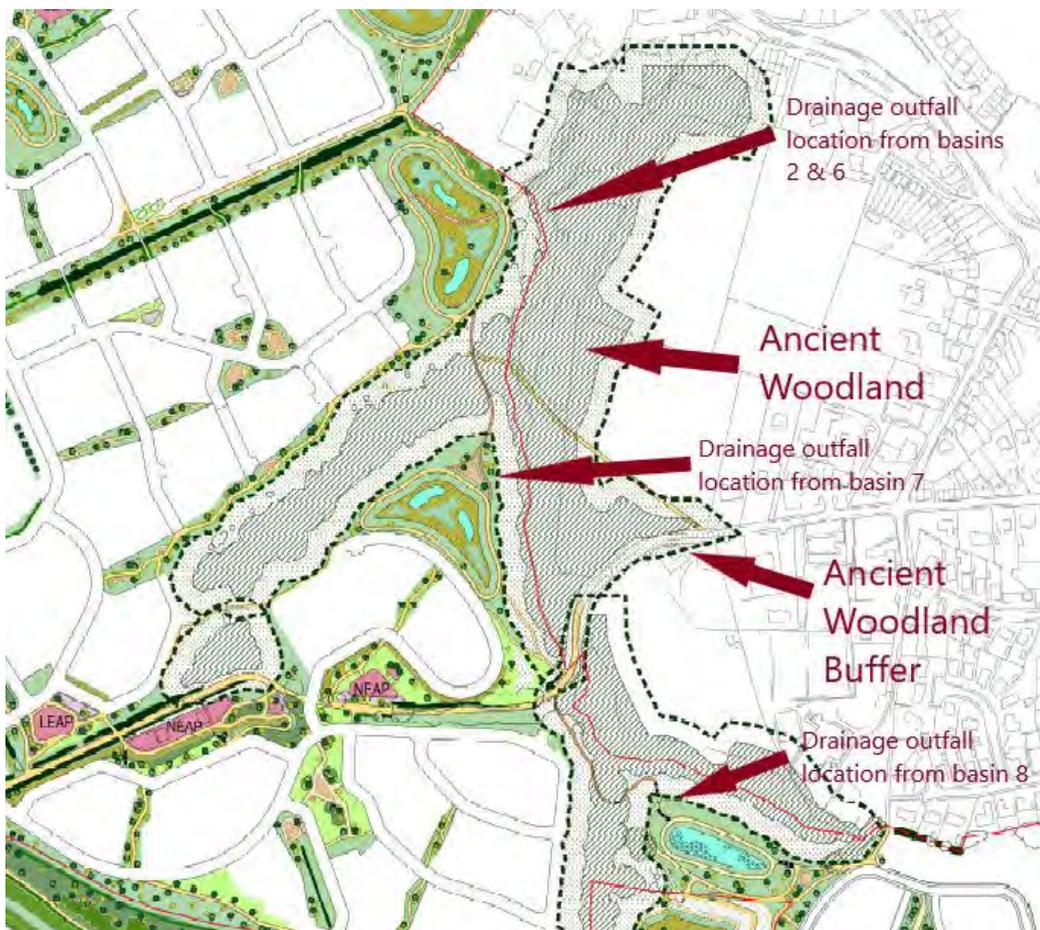


Figure 1: Locations of drainage surface water outfalls within AW including AW buffer zones

- 2.5 Note, that the proposed surface water drainage connections into AW from attenuation basins 7 and 8, is predominantly restricted to heavily grazed land within the AW's buffer zone, separated from the woodland by a steep-sided stream. The combined drainage outfall connection from basins 2 and 6 is terminated in boggy ground, where the extant anaerobic soil conditions has resulted in the decline of the health of the trees at this location.
- 2.6 A comparison of the two potential methodologies for installing the surface water drainage outfall connections within the AW and buffer zone was carried out to determine the least damaging option for the installation of the surface water drainage runs within the AWs and AW buffer zones, to protect undisturbed soil, trees and ground flora. The two potential options for installation are open trench excavation (according with NJUG Volume 4 guidelines¹) and Horizontal Directional Drilling (HDD). This comparison in table format is included in Appendix 2. Following discussions with the drainage team experts this assessment has concluded HDD is the least damaging option.
- 2.7 The surface water drainage connection from the attenuation basins to the adjacent watercourse within the AWs and the AWs buffer zones will be made using HDD. This involves the launch of the drilling head from a 6m x 4m drive pit located outside the AWs buffer zones, from which point the piped connection is drilled beneath the AW buffer zones and Root Protection Areas of retained trees (at least 2m deep) before emerging at pre-determined locations within the AW, adjacent to the western edges of the extant stream. The emergence point – the receptor pit, will be 4m x 2.5m and will be excavated by the use of an excavator.
- 2.8 Tree removals and height clearance pruning will be undertaken in accordance with BS 3998:2010 to provide clearance for the working area and receptor pit and drainage headwall at the approximate locations shown on the TPP Ref. LD10361-030 Rev. D. The trees to be removed from within the ancient woodland are:
- **T1005, T1009, T1010, T1022, T1023, T1034, T1035, T1036, T1037, T1038, T1048.**

¹ Volume 4 NJUG Guidelines for the Planning, Installation and Maintenance of Utility Apparatus in Proximity to Trees

<http://streetworks.org.uk/wp-content/uploads/V4-Trees-Issue-2-16-11-2007.pdf>

2.9 The trees within the ancient woodland to be pruned are:

- **T1013, T1021, T1024, T1028.**

2.10 The pruning will be supervised and directed by the Project Arboriculturist. Heras protection fencing will be installed at the locations shown on the TPP Ref. LD10361-030 Rev. D. Ground protection will also be required to protect the adjacent retained trees RPAs and underlying soil structure. This will be appropriate to the weight loading and can be specified in an Arboricultural Method Statement (AMS), which can be conditioned by the Local Planning Authority (LPA), if required.

2.11 Excavations for the HDD receptor pit and drainage headwall will be undertaken using a 14t excavator with a travelling width of c2.6m and a height of c3.6m, extending to 6m with the boom extended, working from the ground protection at all times. The excavations will be supervised by the Project Arboriculturist, with any roots found of retained trees cleanly pruned to the edge of the excavation area. The excavated topsoil and sub-soil will be stored in separate piles, with these being replaced in the correct order when the receptor pit is back-filled, in order to retain the seed bank in the soil.

2.12 In order to minimise tree losses, some adjacent trees are to be retained, even though their RPAs are impacted. The following Table 1 details the impacts to these retained trees and the proposed measures to mitigate these impacts

| Table 1: Retained Trees Within Ancient Woodland Arboricultural Impacts | | | |
|--|--|---|---|
| Tree Reference | Impact Description | Percentage of RPA Impacted | Proposed Mitigation Measures |
| T1012 | Excavations within Root Protection Area (RPA). The tree has an RPA radius of 7.1m. The distance from the tree's stem centre to the edge of the area to be excavated is approximately 5.5m. | Excavation area encroachment within the RPA is approximately 8.4m ² , which is 5.2% of the tree's total RPA of 161m ² . | Full methodology to be provided in an AMS, which we recommend that the LPA conditions. Prior to the excavation works within the RPA of the retained tree being undertaken, a trial trench will be excavated using hand tools and/ or an airspade on the outer edge of the excavation area to a depth where roots are unlikely to be found (up to 600mm depth). These excavation works will be supervised and directed by the Project Arboriculturist. |

Table 1: Retained Trees Within Ancient Woodland Arboricultural Impacts

| Tree Reference | Impact Description | Percentage of RPA Impacted | Proposed Mitigation Measures |
|----------------|--|---|--|
| | <p>The proposed excavations are within the outermost part of the radius RPA (1.6m) and well outside the tree's zone of rapid root taper, where larger structural roots are found.</p> | | <p>If roots are present, they will be inspected by the Project Arboriculturist to assess the impact of root pruning on the tree and establish if the loss of roots may be significant enough to contribute to an increased risk of tree failure or physiological condition declining significantly. If the Project Arboriculturist deems that the roots (if present) can be pruned, these will be cleanly pruned back to the edge of the excavation area. If it is deemed that the root pruning would be significantly increase the risk of failure and/ or impact the tree's physiological condition, the Project Arboriculturist will specify either a crown reduction or coppicing to reduce the risk to as low as reasonably practicable (ALARP).</p> <p>The remaining RPA outside of the excavation area and within the access area will be protected with ground protection measures, with the specification for this detailed in an AMS report.</p> |
| T1013 | <p>Excavations within Root Protection Area (RPA). Plus, access facilitation pruning may be required over access and excavation working areas to avoid conflict and damage to canopy of the tree.</p> | <p>Excavation area encroachment within the RPA is approximately 8.4m², which is 7.4% of the total RPA of 113m².</p> | <p>Full methodology to be provided in an AMS, which we recommend that the LPA conditions.</p> <p>Prune western crown up to 6.5m above ground level to reduce crown laterally by 2m above the access and excavation areas. Pruning to be supervised and directed by the Project Arboriculturist in order to minimise the leaf bearing branches removed.</p> |

Table 1: Retained Trees Within Ancient Woodland Arboricultural Impacts

| Tree Reference | Impact Description | Percentage of RPA Impacted | Proposed Mitigation Measures |
|----------------|---|----------------------------|---|
| | <p>The tree has an RPA radius of 6m.</p> <p>The stem centre to the edge of the excavation area is approximately 4.8m.</p> <p>The proposed excavations are within the outermost part of the radius RPA (1.2m) and well outside the tree's zone of rapid root taper, where larger structural roots are found.</p> | | <p>Prior to the excavation works within the RPA of the retained tree being undertaken, a trial trench will be excavated using hand tools and/ or an airspade on the outer edge of the excavation area to a depth where roots are unlikely to be found (up to 600mm depth).</p> <p>These excavation works will be supervised and directed by the Project Arboriculturist.</p> <p>If roots are present, they will be inspected by the Project Arboriculturist to assess the impact of root pruning on the tree and establish if the loss of roots may be significant enough to contribute to an increased risk of tree failure or physiological condition declining significantly. If the Project Arboriculturist deems that the roots (if present) can be pruned, these will be cleanly pruned back to the edge of the excavation area. If it is deemed that the root pruning would be significantly increase the risk of failure and/ or impact the tree's physiological condition, the Project Arboriculturist will specify either a crown reduction or coppicing to reduce the risk to as low as reasonably practicable (ALARP).</p> <p>The remaining RPA outside of the excavation area and within the access area will be protected with ground protection measures, with the specification for this detailed in an AMS report.</p> |

Table 1: Retained Trees Within Ancient Woodland Arboricultural Impacts

| Tree Reference | Impact Description | Percentage of RPA Impacted | Proposed Mitigation Measures |
|----------------|---|---|---|
| T1021 | <p>Excavations within Root Protection Area (RPA). Plus, access facilitation pruning may be required over access and excavation working areas to avoid conflict and damage to canopy of the tree.</p> <p>Tree has an RPA radius of 4.6m.</p> <p>The stem centre to the edge of the excavation area is approximately 2.2m.</p> <p>The RPA has been amended in response to the steep side of the stream which is located approximately 0.7m to the east of the tree stem centre.</p> <p>The amended RPA of this tree extends more to the north and south than if it were a circular RPA, thus extending further into the area to be excavated than if it were plotted with a circular RPA.</p> | <p>Excavation area encroachment within the amended RPA is approximately 15.1m², which is 23.2% of the total tree's total RPA of 65m².</p> | <p>Full methodology to be provided in an AMS, which we recommend that the LPA conditions.</p> <p>If retained, prune northern side crown to 6.5m above ground level and/ or reduce laterally by 1m back from working area. Pruning to be supervised and directed by the Project Arboriculturist in order to minimise the leaf bearing branches removed.</p> <p>Prior to the excavation works within the RPA of the retained tree being undertaken, a trial trench will be excavated using hand tools and/ or an airspade on the outer edge of the excavation area to a depth where roots are unlikely to be found (up to 600mm depth).</p> <p>These excavation works will be supervised and directed by the Project Arboriculturist.</p> <p>If roots are present, they will be inspected by the Project Arboriculturist to assess the impact of root pruning on the tree and establish if the loss of roots may be significant enough to contribute to an increased risk of tree failure or physiological condition declining significantly. If the Project Arboriculturist deems that the roots (if present) can be pruned, these will be cleanly pruned back to the edge of the excavation area. If it is deemed that the root pruning would be significantly increase the risk of failure and/ or impact the tree's physiological</p> |

| Table 1: Retained Trees Within Ancient Woodland Arboricultural Impacts | | | |
|--|---|---|---|
| Tree Reference | Impact Description | Percentage of RPA Impacted | Proposed Mitigation Measures |
| | <p>The proposed excavations are within the tree's zone of rapid root taper, where larger structural roots are found.</p> <p>However, as the RPA has been amended in response to the steep side of the stream, the tree should be retained until root investigations can determine if the tree will sustain significant root loss sufficient to necessitate its removal, due to an increased potential for tree failure, or whether it can be retained as significant structural roots aren't removed.</p> | | <p>condition, the Project Arboriculturist will specify either a crown reduction or coppicing to reduce the risk to as low as reasonably practicable (ALARP).</p> <p>The remaining RPA outside of the excavation area and within the access area will be protected with ground protection measures, with the specification for this detailed in an AMS report.</p> |
| T1024 | <p>Access facilitation pruning may be required over access and excavation working areas to avoid conflict and damage to canopy of the tree.</p> | N/A | <p>Full methodology to be provided in an AMS, which we recommend that the LPA conditions.</p> <p>Prune southern crown to 6.5m above ground level reduce laterally by 1.5m back from working area. Pruning to be supervised and directed by the Project Arboriculturist in order to minimise the leaf bearing branches removed.</p> |
| T1026 | <p>Excavations within Root Protection Area (RPA).</p> | <p>Excavation area encroachment within the amended RPA is approximately</p> | <p>Full methodology to be provided in an AMS, which we recommend that the LPA conditions.</p> |

Table 1: Retained Trees Within Ancient Woodland Arboricultural Impacts

| Tree Reference | Impact Description | Percentage of RPA Impacted | Proposed Mitigation Measures |
|----------------|---|---|---|
| | <p>The tree has an RPA radius of 5.5m.</p> <p>The tree's stem centre to the edge of the excavation area is approximately 4.5m.</p> <p>The RPA has been amended to the edge of the stream to the east.</p> <p>The proposed excavations are within the outermost part of the radius RPA (1.0m) and well outside the tree's zone of rapid root taper, where larger structural roots are found.</p> | <p>14.2m², which is 14.9% of the trees total RPA of 95m².</p> | <p>Prior to the excavation works within the RPA of the retained tree being undertaken, a trial trench will be excavated using hand tools and/ or an airspade on the outer edge of the excavation area to a depth where roots are unlikely to be found (up to 600mm depth).</p> <p>These excavation works will be supervised and directed by the Project Arboriculturist.</p> <p>If roots are present, they will be inspected by the Project Arboriculturist to assess the impact of root pruning on the tree and establish if the loss of roots may be significant enough to contribute to an increased risk of tree failure or physiological condition declining significantly. If the Project Arboriculturist deems that the roots (if present) can be pruned, these will be cleanly pruned back to the edge of the excavation area. If it is deemed that the root pruning would be significantly increase the risk of failure and/ or impact the tree's physiological condition, the Project Arboriculturist will specify either a crown reduction or coppicing to reduce the risk to as low as reasonably practicable (ALARP).</p> <p>The remaining RPA outside of the excavation area and within the access area will be protected with ground protection measures, with the specification for this detailed in an AMS report.</p> |

| Table 1: Retained Trees Within Ancient Woodland Arboricultural Impacts | | | |
|--|---|----------------------------|---|
| Tree Reference | Impact Description | Percentage of RPA Impacted | Proposed Mitigation Measures |
| T1028 | Access facilitation pruning required over access and excavation working areas to avoid conflict and damage to canopy of the tree. | N/A | <p>Full methodology to be provided in an AMS, which we recommend that the LPA conditions.</p> <p>Prune western crown to 6.5m above ground level reduce laterally by 1.5m back to above eastern stream bank.</p> <p>Pruning to be supervised and directed by the Project Arboriculturist in order to minimise the leaf bearing branches removed.</p> |

2.13 The location of the required ground protection and the approximate working area and area to be excavated will be adjacent to the stream and are provided in further detail on the appended Tree Protection Plan Ref. LD10361-030 Rev. D and are shown in Figures 2 to 4.

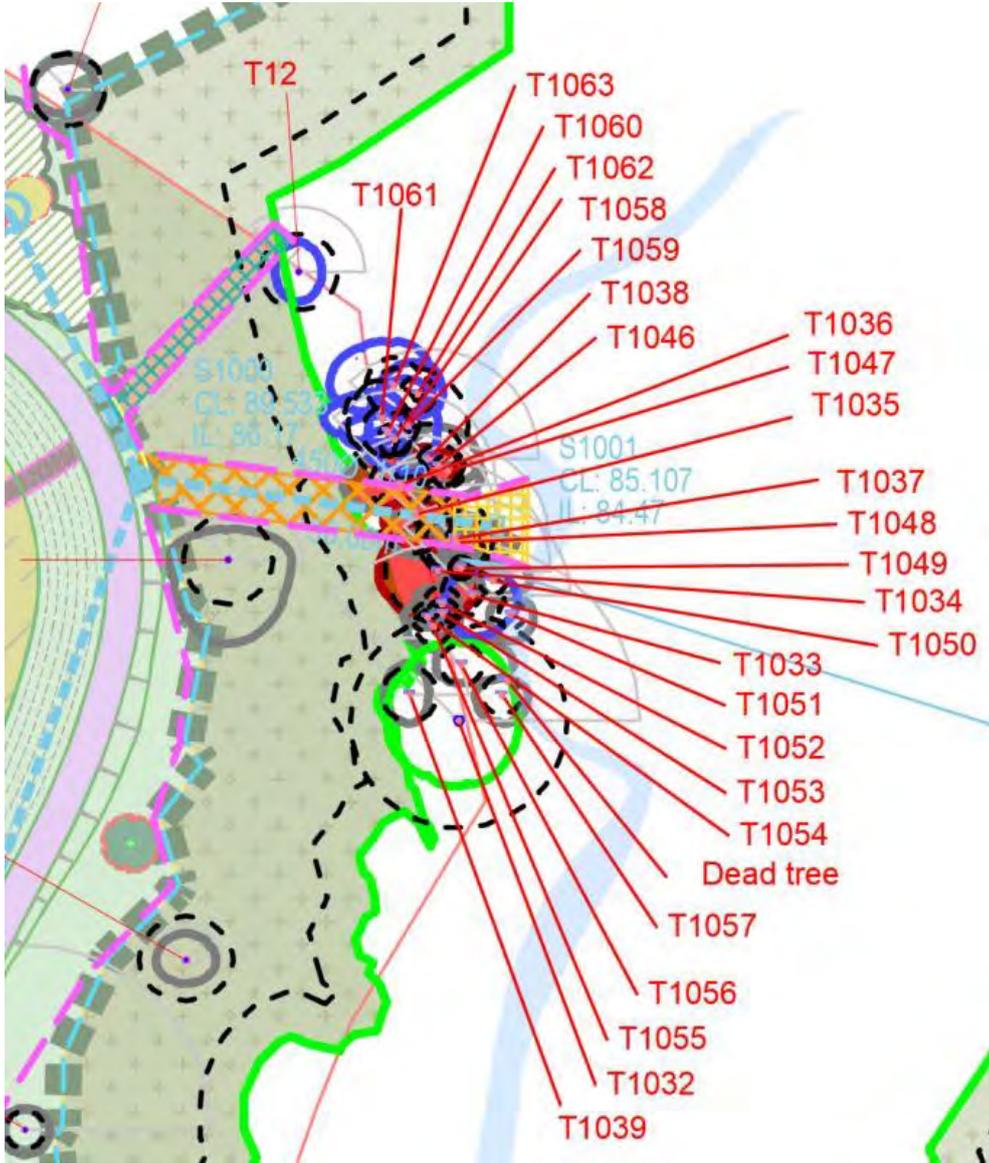


Figure 2: Location of drainage outfall from basins 2 & 6.

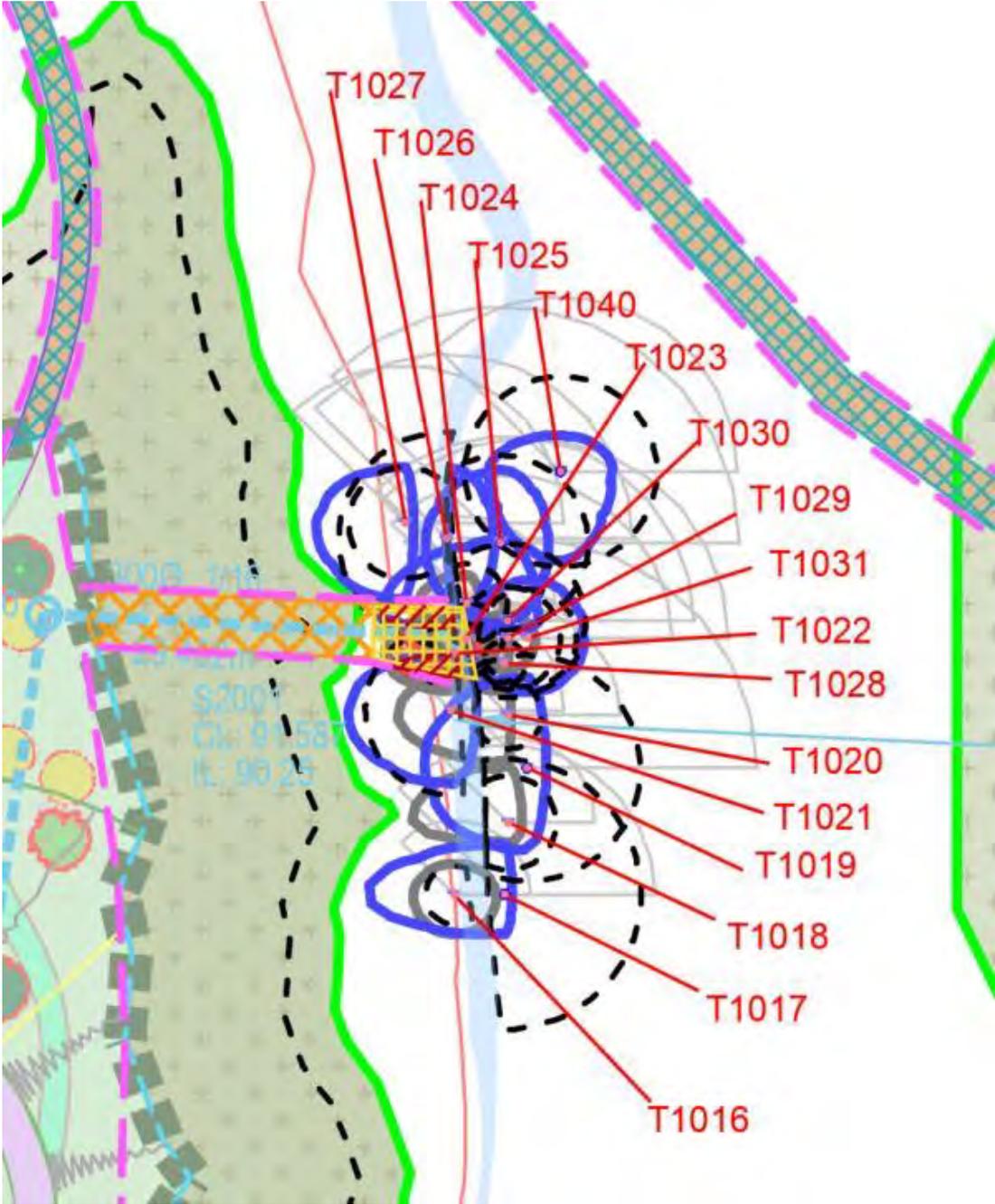


Figure 3: Location of drainage outfall from basin 7.

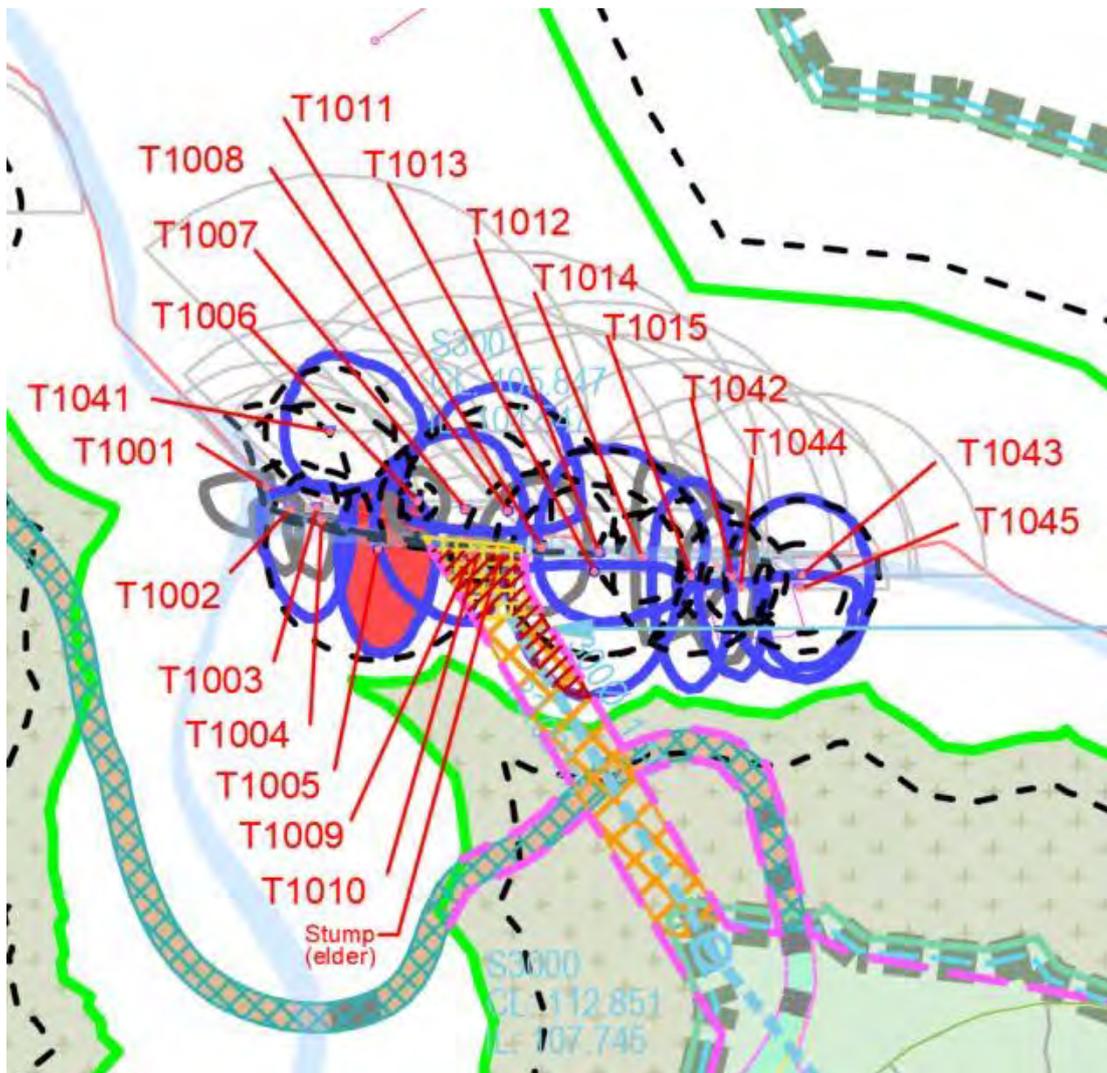


Figure 4: Location of drainage outfall from basin 8.

- 2.14 A new pre-cast concrete headwall (Althon SFA10C Headwall/ Althon SFA6C Headwall) will be placed at the terminus of the HDD outfalls drainage run. The headwalls will be delivered to their final position by either dumper or trailer and manoeuvred into place by the excavator.
- 2.15 Footway locations within the AWs as shown on the TPP Ref. LD10361-030 Rev. D are indicative and their locations will be micro-sited to avoid impacts within the woodland where possible. The footways within woodland W1 will be of a no-dig construction, consisting of a three-dimensional geogrid sub-base such as 'Cellweb'³ charged with 20-40mm clean angular stone, with the wearing course being permeable 'Flexipave'². Please refer to Strategic Landscaping Area Plan Ref. P11754-00-001-GIL-0100 Rev. 10,

² <https://www.kbiuk.co.uk/>

³ Cellweb®TRP - Cellular Confinement System (geosyn.co.uk)

latest revision dated 16/05/2024, by Gillespies. The footways' full specifications and installation methodologies can be included in an AMS, which can be conditioned by the LPA. Installing footways in the above-described way is likely to have a low impact on the AWs.

3 SUMMARY AND CONCLUSIONS

- 3.1 In summary, we conclude that there will be no significant adverse effects to Craven Wood AWs arising from the installation of the surface water drainage runs and footways.
- 3.2 Co-operation between design team and the arboricultural team has resulted in an agreement for the preferred surface water drainage outfall connection locations that minimises the impacts on the AWs. It is considered that impacts of the proposed drainage within the AWs are tolerable from an arboricultural and soil protection perspective.
- 3.3 The proposed footways within the AWs will be of a more formal hard surfaced construction, thus reducing the overall impact on the wider woodland area over time. A more permanent footpath will reduce the likelihood of users deviating from the path, for example avoid unpassable ground, such as wet or muddy areas. By reducing the potential for the footways to spread and become wider this will in turn over time limit the impact on the woodland and ground flora. The more formal hard surfaced footways will be constructed using no-dig materials and construction methodology. The sub-base will consist of a three-dimensional geogrid charged with angular 2-40mm aggregate with no fines and the wearing course will consist of 'Flexipave'. This will also prevent compaction of the underlying soil and will enable the tree root gas diffusion process to be maintained e.g. oxygen in and carbon dioxide out. The footways are to be micro-sited to avoid impacts on trees and ancient woodland indicator species ground and shrub layers where practical and feasible to do so.
- 3.4 The methodology and specification for the drainage and footways installation can be included in an AMS report and updated TPP.

Appendix 1: Tree Survey Data

Location: Barnsley West (Job. No. LD10361)

Surveyor: Mark Levitt, Alan Reid
 Weather: Sunny with cloud and rain at times.



Estimated Stem Diameters & Other Measurements highlighted in this colour

Survey Dates: 22-25.05.2023; 06.06.2023; 26-29.06.2023 (ML); 11.07.2023; 26-28.02.2024 (AR)

| Item type: T (tree), G (group), H (hedger), W (woodland) | Tree/ Group Ref. No. | Common Name | Height(m) | Crown Clearance (m) & compass direction | Crown Spread (m) | | | | Stem Diameter @ 1.5m (mm) | | | | | Number of stems | Age Class: Y (Young), SM (Semi-Mature), EM (Early-Mature), M (Mature), LM (Late-mature), V (Veteran) | Condition | | | Estimated Remaining Contribution: (<10, 10+, 20+, 40+) | BS5837 Categorisation Grading | Sub Category | Comments | Preliminary management recommendations/ further works | BS 5837 Root Protection Area (m ²) | BS 5837 Root Protection Radius (m) | Veteran Tree Root Protection Radius (m) |
|--|----------------------|-----------------|-----------|---|------------------|------|-------|------|---------------------------|-----|-----|-----|----|-----------------|--|-----------|---|--|---|---|--|----------------|---|--|------------------------------------|---|
| | | | | | North | East | South | West | | | | | | | | | Physiological Condition: G (Good), F (Fair), P (Poor), D (Dead) | Structural Condition: G (Good), F (Fair), P (Poor) | | | | | | | | |
| T | 1 | Common Hawthorn | 3.3 | 0 W | 2.2 | 1.5 | 2 | 1.7 | 100 | 90 | | | 2 | EM | G | F | 40+ | C | 1 | Small multi-stemmed tree. Excellent vitality. Access restricted due to low canopy around tree and scrub at east, limiting detailed measurements. | None required. | 8.2 | 1.6 | N/A | | |
| T | 2 | Common Alder | 2.9 | 0.7 E | 1.6 | 2 | 1.1 | 1.8 | 150 | | | 1 | EM | P | F | <10 | U | | Very poor physiological condition, dead branches, some regrowth up main stem. Access restricted due to location within scrub, limiting detailed measurements. | None required. | 10 | 1.8 | N/A | | | |
| T | 3 | Common Hawthorn | 3 | 0 E | 2.4 | 2 | 2 | 1.3 | 90 | 50 | 50 | 3 | EM | G | F | 40+ | C | 1 | Small multi-stemmed tree. Excellent vitality. Rooted directly adjacent west of barbed wire fence. Access restricted, limiting detailed measurements. | None required. | 5.9 | 1.4 | N/A | | | |
| T | 4 | Common Hawthorn | 2.6 | 0 W | 1.5 | 1.8 | 1.8 | 1.7 | 70 | | | 6 | EM | G | F | 40+ | C | 1 | Small multi-stemmed tree. Excellent vitality. Access restricted, limiting detailed measurements. | None required. | 13 | 2.1 | N/A | | | |
| T | 5 | Common Hawthorn | 3 | 1.2 W | 1.4 | 1.5 | 1.2 | 2.2 | 120 | | | 1 | SM | G | F | 40+ | C | 1 | Dog rose growing up around tree. Excellent vitality. Access restricted, limiting detailed measurements. | None required. | 6.5 | 1.4 | N/A | | | |
| T | 6 | Common Hawthorn | 2.9 | 0 W | 2 | 1.3 | 1.8 | 1.5 | 150 | | | 1 | EM | G | F | 40+ | C | 1 | Small multi-stemmed tree. Excellent vitality. Access restricted, limiting detailed measurements. | None required. | 10 | 1.8 | N/A | | | |
| T | 7 | Common Hawthorn | 2 | 0.1 W | 1.7 | 1.1 | 1.6 | 0.9 | 75 | | | 1 | SM | G | F | 40+ | C | 1 | Small multi-stemmed tree. Excellent vitality. Access restricted, limiting detailed measurements. | None required. | 2.5 | 0.9 | N/A | | | |
| T | 8 | Common Hawthorn | 3.7 | 0.1 E | 2.2 | 1.7 | 1.9 | 1.2 | 90 | 80 | 70 | 4 | SM | G | F | 40+ | C | 1 | Small, multi-stemmed tree. Excellent vitality. Access restricted, limiting detailed measurements. | None required. | 11 | 1.9 | N/A | | | |
| T | 9 | Common Ash | 5.5 | 1 NE | 1.8 | 2.1 | 2.1 | 2.1 | 130 | | | 1 | Y | G | G | 20+ | C | 1 | Very minor dieback, likely caused by ash dieback disease. Small, single-stemmed tree. Access restricted, limiting detailed measurements. | None required. | 7.6 | 1.6 | N/A | | | |
| T | 10 | Common Hawthorn | 2.9 | 0.1 W | 2.2 | 2.5 | 2 | 2.5 | 50 | 60 | 50 | 40 | 60 | 5 | EM | G | F | 40+ | C | 1 | Small multi-stemmed tree. Excellent vitality. Access restricted, limiting detailed measurements. | None required. | 6.2 | 1.4 | N/A | |
| T | 11 | Sycamore | 6.1 | 0.5 N | 2.6 | 5.3 | 7 | 4.9 | 300 | | | 1 | SM | G | F | 40+ | C | 1 | Excellent vitality. Stem obscured by vegetation and scrub mass. Access restricted, limiting detailed measurements. | None required. | 41 | 3.6 | N/A | | | |
| T | 12 | Common Hawthorn | 5.5 | 0.5 NW | 2.5 | 1.9 | 2.5 | 2 | 120 | 110 | 130 | 150 | 4 | M | G | F | 40+ | B | 1,3 | Multi-stemmed upright, medium-sized specimen. Excellent vitality. Between stile and access track, directly adjacent to west of barbed wire fence and track entrance gate post. Access restricted, limiting detailed measurements. | None required. | 30 | 3.1 | N/A | | |
| T | 13 | Common Hawthorn | 2.8 | 0.2 S | 2.5 | 2.4 | 2.1 | 3 | 100 | | | 6 | EM | G | F | 40+ | C | 1 | Third party small multi-stemmed tree. Excellent vitality. Access restricted, limiting detailed measurements. | None required. | 27 | 2.9 | N/A | | | |
| T | 14 | Common Hawthorn | 2.6 | 0 N | 1.9 | 2.1 | 1.9 | 1.9 | 95 | 100 | | 2 | EM | G | F | 40+ | C | 1 | Small multi-stemmed tree. Excellent vitality. Access restricted, limiting detailed measurements. | None required. | 8.6 | 1.7 | N/A | | | |
| T | 15 | Common Hawthorn | 1.9 | 0 E | 2.1 | 2.2 | 1.7 | 1.4 | 80 | | | 6 | EM | G | F | 40+ | C | 1 | Small multi-stemmed tree. Excellent vitality. On field boundary line adjacent to east of boundary fencing. Access restricted, limiting detailed measurements. | None required. | 17 | 2.4 | N/A | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|----|---------------------|------|--------|-----|-----|-----|-----|------|-----|--|--|---|----|----|---|-----|-----|-------|--|---|----------------|------|-----|-----|
| T | 16 | Common Hawthorn | 2.4 | 0 NW | 1.6 | 1.6 | 1.6 | 1.3 | 70 | 85 | | | | 2 | EM | G | F | 40+ | C | 1 | Small multi-stemmed tree. Access restricted, limiting detailed measurements. | None required. | 5.5 | 1.3 | N/A |
| T | 17 | Common Hawthorn | 3 | 0 NW | 1.3 | 1.3 | 1.3 | 0.9 | 95 | 80 | | | | 2 | EM | G | F | 40+ | C | 1 | Small multi-stemmed tree. Excellent vitality. Access restricted, limiting detailed measurements. | None required. | 7.0 | 1.5 | N/A |
| T | 18 | Common Oak | 5.8 | 2.3 NW | 3.3 | 3.8 | 4 | 3.5 | 300 | | | | 1 | EM | F | F | 40+ | C | 1,2 | Hedgerow tree, minor dieback otherwise healthy. Ivy dense on stem and into lower part of crown. Brush deposited at base on field side, likely some weight due to large earth clods and fence posts also deposited within brush pile, therefore likely some underlying soil compaction within rooting zone. Access restricted, limiting detailed measurements. | None required to tree. Remove deposited brush, earth and fence posts etc. from rooting zone within 12 months, to prevent any further ground compaction. | 41 | 3.6 | N/A | |
| T | 19 | Sycamore | 6 | 0 N | 3.5 | 3.2 | 3.2 | 3.5 | 350 | | | | 1 | EM | F | F | 20+ | C | 1,2 | Roadside hedgerow tree. Access restricted, limiting detailed measurements. | None required. | 55 | 4.2 | N/A | |
| T | 20 | Common Oak | 11.8 | 1.5 N | 7.4 | 7.3 | 5.5 | 6.8 | 1000 | | | | 1 | M | F | F | 20+ | B | 2,3 | Roadside tree. Dieback evident in crown. Small cavity at east at approx. 8 to 9m on main stem /leader, also decaying lost branch wound on branch just below and to north of this - bat potential. Access restricted, limiting detailed measurements. | Re-inspect for safety/risk management purposes within one year. | 452 | 12.0 | N/A | |
| T | 21 | Common Oak | 6 | 1.7 N | 6.3 | 3.6 | 3.7 | 5.5 | 350 | | | | 1 | EM | G | G | 40+ | B | 1,2 | Single-stemmed hedgerow tree, field boundary location overhanging road at south. Minor dieback, good vitality otherwise. Access restricted, limiting detailed measurements. | None required. | 55 | 4.2 | N/A | |
| T | 22 | Common Oak | 12.6 | 2.6 E | 6.6 | 7 | 5.8 | 6.7 | 900 | | | | 1 | M | G | G | 40+ | A | 1,3 | Large mature specimen, with a wide spreading canopy. Overhanging road at south but not to building. Excellent vitality. Minor dieback, shaded out deadwood in lower canopy. Decaying torn out small branch stubs at south at approx. 3m, water pocket above this, other cavities within lost branch sockets potentially. Wound in underside of branch over road, large vehicle damage likely. Access restricted, limiting detailed measurements. | Re-inspect for safety/risk management purposes within one year. | 366 | 10.8 | N/A | |
| T | 23 | Common Hawthorn | 3.9 | 1.8 NW | 2.1 | 1.3 | 1.7 | 1.7 | 200 | | | | 1 | EM | P | F | 10+ | C | 1 | Small garden tree. Dieback extensive. Access restricted, limiting detailed measurements. | None required. | 18 | 2.4 | N/A | |
| T | 24 | Hybrid Black Poplar | 10.6 | 1.5 NW | 4 | 3.1 | 4.2 | 3.8 | 320 | | | | 1 | EM | G | G | 40+ | B | 1 | Upright, single-stemmed tree. Good vitality, minor dieback noted. Ivy on stem. Access restricted, limiting detailed measurements. | None required. | 46 | 3.8 | N/A | |
| T | 25 | Common Oak | 15.3 | 1.2 NE | 7 | 8.2 | 9 | 8.5 | 1000 | | | | 1 | M | G | G | 40+ | A | 1,2,3 | Field boundary tree. Large, mature specimen, with rounded canopy weighted north over road forming arch with group at south, excellent vitality. Decaying c. 1.5m long branch stub, previously reduced, at north, at approx. 3m from ground level. Access restricted, limiting detailed measurements. | None required. | 452 | 12.0 | N/A | |
| T | 26 | Common Ash | 4.1 | 1 E | 1.5 | 2.1 | 1.8 | 2 | 220 | | | | 1 | EM | F | F | 10+ | C | 1 | Small upright tree within concrete blocks and wooden palettes. Failed leader, regrowth and foliage on lower branches mostly healthy, some dieback evident likely indicative of Ash Dieback Disease. Access restricted, limiting detailed measurements. | None required. | 22 | 2.6 | N/A | |
| T | 27 | Common Oak | 11.1 | 1.8 SE | 6.1 | 6.2 | 6.5 | 6.5 | 1000 | | | | 1 | M | F | F | 40+ | B | 3 | Open grown field tree. Browsing damage and wounding on stem. Deadwood, decay cavities in crown, habitat value and bat roosting potential. Canopy some dieback but overall fairly healthy. Access restricted, limiting detailed measurements. | If land use intensifies within falling distance of tree re-inspect for safety/risk management purposes prior to intensification. | 452 | 12.0 | N/A | |
| T | 28 | Sycamore | 10.5 | 1.5 W | 4.5 | 4.5 | 4.5 | 4.5 | 300 | 400 | | | 2 | EM | G | F | 40+ | B | 1 | Field tree close to woodland edge. Good vitality, growing in bank at least partly rooted within waterlogged area. Access restricted, limiting detailed measurements. | None required. | 113 | 6.0 | N/A | |

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|---|----|-----------------------|------|--------|-----|-----|-----|-----|------|----|----|--|--|---|----|---|---|-----|---|---|--|--|-----|------|-----|
| T | 29 | Common or Black Elder | 3.5 | 0.5 N | 2 | 2 | 2 | 2 | 250 | | | | | 1 | EM | P | P | <10 | U | | Multi-stemmed, small tree. Dieback extensive. Access restricted, limiting detailed measurements. | None required, as low risk due to small size. | 28 | 3.0 | N/A |
| T | 30 | Common Hawthorn | 4 | 0 E | 2.5 | 2.5 | 2.5 | 2.5 | 250 | | | | | 1 | EM | F | F | 40+ | C | 1 | Small multi-stemmed tree, good vitality, minor dieback. Access restricted, limiting detailed measurements. | None required. | 28 | 3.0 | N/A |
| T | 31 | Common Ash | 15.2 | 1.7 S | 7.9 | 8.5 | 8 | 5.9 | 750 | | | | | 1 | M | F | F | 20+ | B | 2 | Dieback evident, extensive at branch tips, canopy overall less than 30% estimated dieback. Former hedgerow tree. Access restricted, limiting detailed measurements. | Re-inspect for deterioration due to Ash Dieback Disease within 2 years. Note, inspections for Ash Dieback Disease are to be carried out during the summer months when the tree is in leaf. | 254 | 9.0 | N/A |
| T | 32 | Bay Laurel | 3.6 | 1.7 SW | 1.5 | 1.5 | 1.5 | 1.5 | 300 | | | | | 1 | M | G | F | 40+ | C | 1 | Mature, garden specimen. Excellent vitality. Access restricted, limiting detailed measurements. | None required. | 41 | 3.6 | N/A |
| T | 33 | Sycamore | 9.3 | 2.2 W | 4 | 4.5 | 4.6 | 4.6 | 400 | | | | | 1 | EM | G | F | 40+ | B | 1 | Third party garden tree, overhanging site at west. Good form, health and vigour. Access restricted, limiting detailed measurements. | None required. | 72 | 4.8 | N/A |
| T | 34 | Sycamore | 4.1 | 1.8 W | 1.5 | 2.5 | 1.3 | 2.6 | 150 | | | | | 1 | EM | G | G | 40+ | C | 1 | Small boundary tree, site side of garden fencing. Good vitality. Access restricted, limiting detailed measurements. | None required. | 10 | 1.8 | N/A |
| T | 35 | Sycamore | 5.7 | 3.2 | 1.1 | 1.5 | 1.6 | 2 | 150 | | | | | 1 | EM | G | G | 40+ | C | 1 | Small boundary tree. Site side of garden boundary fencing. Good vitality. Access restricted, limiting detailed measurements. | None required. | 10 | 1.8 | N/A |
| T | 36 | Common Hawthorn | 2.4 | 1 SW | 0.5 | 0.5 | 2.3 | 1.7 | 95 | | | | | 1 | SM | G | F | 40+ | C | 1 | Small boundary tree. Site side of garden boundary fence. Lean to south. Access restricted, limiting detailed measurements. | None required. | 4.1 | 1.1 | N/A |
| T | 37 | Common Ash | 2.6 | 0 W | 0.8 | 2.1 | 2 | 0.6 | 80 | 70 | 60 | | | 3 | EM | F | P | <10 | U | | Small ash with failed stems and dieback. Access restricted, limiting detailed measurements. | None required, as low risk due to small size. | 6.7 | 1.5 | N/A |
| T | 38 | Common Hawthorn | 2 | 0 SW | 1.1 | 2 | 1.5 | 1 | 75 | | | | | 1 | SM | G | F | 40+ | C | 1 | Very small tree. Good vitality. Access restricted, limiting detailed measurements. | None required. | 2.5 | 0.9 | N/A |
| T | 39 | Common Hawthorn | 2.7 | 0 N | 2.2 | 2.5 | 2.1 | 2 | 200 | | | | | 1 | EM | G | G | 40+ | C | 1 | Small hawthorn, low canopy, estimated to be single stemmed to above breast height. Access restricted, limiting detailed measurements. | None required. | 18 | 2.4 | N/A |
| T | 40 | Norway Spruce | 5.3 | 1.6 W | 3.6 | 3 | 2.5 | 3 | 400 | | | | | 1 | EM | G | G | 40+ | C | 1 | Third party garden tree. Good vitality. Access restricted, limiting detailed measurements. | None required. | 72 | 4.8 | N/A |
| T | 41 | Wild Cherry | 3.8 | 0.3 W | 1.8 | 1.5 | 3.6 | 2.3 | 150 | | | | | 1 | EM | F | F | 10+ | C | 1 | Flailed on site side, remaining branches with healthy foliage, also fruiting. On boundary, likely third party tree. Access restricted, limiting detailed measurements. | None required. | 10 | 1.8 | N/A |
| T | 42 | Common or Black Elder | 2.9 | 0.2 NW | 1.8 | 2.9 | 3 | 2.7 | 110 | | | | | 7 | M | G | F | 20+ | C | 1 | Garden boundary, multi-stemmed tree. Access restricted, limiting detailed measurements. | None required. | 38 | 3.5 | N/A |
| T | 43 | Common Hawthorn | 4.5 | 0 N | 2.8 | 3 | 3 | 2.3 | 130 | | | | | 6 | M | G | F | 40+ | C | 1 | Third party garden tree. Good vitality. Access restricted, limiting detailed measurements. | None required. | 46 | 3.8 | N/A |
| T | 44 | Common Beech | 1.1 | 0 SW | 0.5 | 0.8 | 8 | 1.2 | 1200 | | | | | 1 | M | D | P | N/A | U | | Fallen stem. Lying on side. Reduced to c. 8m. Large stem offcut adjacent exposed root flare. Access restricted, limiting detailed measurements. | Retain if possible for habitat value. | 651 | 14.4 | N/A |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|----|-----------------|------|--------|-----|-----|------|-----|------|-----|----|----|----|----|---|---|-----|-----|-------|--|---|---|------|------|-----|
| T | 45 | Common Beech | 20.1 | 1.5 W | 7.6 | 8 | 12 | 8.5 | 1140 | | | | | 1 | M | G | G | 40+ | A | 1,2,3 | Large mature specimen. Ground compacted around base but good vitality . To south failed fallen stem of tree with stem diameter similar size, roots may have rotted due to poor rooting conditions (compaction likely a factor). Small wound in main stem at west at approx. 1m - small decay cavity developed, wound partially occluded. Could be cavities in high crown, possible bat potential due to age and size. Clear stem to approx. 9m at southeast, canopy around tree on all other sides. Growing on sloping ground at edge of field containing Shetland ponies. Access restricted, limiting detailed measurements. | Re-inspect for safety/risk management purposes within one year due to proximity to public footpath to southwest of tree. As part of inspection, undertake airspade excavation of soil around the rooting area to assess the condition of the buttress roots and to decompact the surrounding compacted soil | 588 | 13.7 | N/A |
| T | 46 | Common Hawthorn | 4.1 | 0.1 E | 2.2 | 2 | 1.7 | 1.7 | 60 | 60 | 60 | | 3 | EM | G | F | 40+ | C | 1 | Small multi-stemmed tree, good vitality. Access restricted, limiting detailed measurements. | None required. | 4.9 | 1.2 | N/A | |
| T | 47 | Common Hawthorn | 8.5 | 1.5 W | 3.8 | 4 | 2.8 | 4.8 | 200 | | | | 6 | M | G | F | 40+ | B | 3 | Mature, characterful specimen. Habitat value. On compacted slope. Access restricted, limiting detailed measurements. | None required. | 109 | 5.9 | N/A | |
| T | 48 | Common Beech | 15 | 1.2 W | 8.5 | 8 | 5 | 5.8 | 1200 | | | | 1 | M | G | F | 40+ | B | 2,3 | Large, mature specimen. Large cavity at base at east from ground to c. 2.5m with two openings. Also at c.5-9m up eastern side of main stem which curves over to west. Bat potential, although likely open to rain at least higher section. Habitat value. Several public footpaths are within falling distance to the west of the tree. Access restricted, limiting detailed measurements. | Re-inspect for safety/risk management purposes within 6 months to assess the level of risk to footpath users. | 651 | 14.4 | N/A | |
| T | 49 | Common Oak | 15.2 | 0.5 SE | 8 | 9 | 13.4 | 9 | 960 | | | | 1 | M | G | F | 40+ | A | 1,2,3 | Large, mature specimen. Good vitality. Twin-stemmed from approx. 2.2m. Stem wound with decay in main stem at base at west, likely as a result of browsing damage. Rounded, wide-spreading crown. PRoW located within falling distance of tree. Access restricted, limiting detailed measurements. | Re-inspect for safety/risk management purposes within one year to assess the level of risk to footpath users. | 417 | 11.5 | N/A | |
| T | 50 | Common Hawthorn | 3.2 | 1.1 W | 2.3 | 2.5 | 2.1 | 2.3 | 70 | | | | 10 | EM | G | F | 40+ | C | 1 | Small multi-stemmed tree. Good vitality. Access restricted, limiting detailed measurements. | None required. | 22 | 2.7 | N/A | |
| T | 51 | Common Hawthorn | 3.9 | 0.5 W | 3 | 3 | 2.4 | 2.7 | 100 | | | | 10 | EM | G | F | 40+ | C | 1 | Small multi-stemmed tree. Good vitality. Access restricted, limiting detailed measurements. Topo symbol location not accurate - tree straddles boundary fence line, plotted using Geode sub metre GPS onsite during survey. | None required. | 45 | 3.8 | N/A | |
| T | 52 | Common Hawthorn | 3.5 | 0.3 W | 1.5 | 2 | 1.5 | 1.1 | 100 | 95 | 80 | 75 | 4 | EM | G | F | 40+ | C | 1 | Small multi-stemmed tree. Good vitality. Access restricted, limiting detailed measurements. | None required. | 14 | 2.1 | N/A | |
| T | 53 | Common Hawthorn | 5.2 | 1.2 W | 3 | 3 | 1.5 | 2 | 95 | | | | 6 | M | G | F | 40+ | C | 1 | Upright, multi-stemmed quite tall specimen for the species, on boundary. Good vitality. Access restricted, limiting detailed measurements. | None required. | 24 | 2.8 | N/A | |
| T | 54 | Crab Apple | 8.7 | 1.1 SW | 6.5 | 7 | 7 | 6.3 | 240 | 590 | | | 2 | M | F | F | 40+ | B | 3 | Mature, twin-stemmed tree. Fruiting. Minor dieback. Shade deadwood. Browsing damage around base. Access restricted, limiting detailed measurements. | None required. | 184 | 7.6 | N/A | |

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|---|----|-----------------|-----|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|---|----|---|---|-----|-----|-----|---|---|---|-----|-----|-----|
| T | 55 | Common Ash | 16 | 4 SW | 9 | 7 | 8.7 | 6.4 | 650 | 450 | | | | | 2 | M | G | F | 40+ | A | 1,2,3 | Third party, large tree. Very good condition, showing only very minor signs of dieback. Some shade deadwood over gardens and site. Access restricted, limiting detailed measurements. Plotted using sub metre GPS, beyond boundary fencing on site. | Re-inspect for deterioration due to Ash Dieback Disease if land use intensifies near tree. Note, inspections for Ash Dieback Disease are to be carried out during the summer months when the tree is in leaf. Inspection will be required to be carried out from within the site. | 283 | 9.5 | N/A |
| T | 56 | Common Ash | 9.6 | 1.4 SE | 6 | 6 | 2.6 | 3 | 180 | 190 | 250 | 250 | 250 | 5 | EM | G | F | 10+ | C | 1 | Regrowth from large previously reduced stem or stems. Slender leaning stems to north over gardens. Access restricted, limiting detailed measurements. | Re-inspect for safety/risk management purposes within one year due to location and leaning stems over gardens. | 116 | 6.1 | N/A | |
| T | 57 | Apple | 5.5 | 1.1 | 5 | 2.8 | 1.6 | 0.7 | 300 | | | | | 1 | EM | D | P | N/A | U | | Standing dead tree. Leaning north over garden. Access restricted, limiting detailed measurements. | If tree is within site, remove within 3 months. If outside boundary, advise notifying tree owner that the tree is a potential hazard. | 41 | 3.6 | N/A | |
| T | 58 | Common Oak | 7.4 | 1.5 S | 7 | 6.5 | 6.5 | 4.2 | 550 | | | | | 1 | EM | G | G | 40+ | B | 1 | Third party, medium-sized tree. Previously reduced. Good vitality. Access restricted, limiting detailed measurements. | None required. | 137 | 6.6 | N/A | |
| T | 59 | Common Elder | 5.9 | 0 SE | 2 | 2 | 2 | 2 | 95 | | | | | 6 | M | G | F | 40+ | C | 1 | Large, mature specimen. Good vitality. Access restricted, limiting detailed measurements. | None required. | 24 | 2.8 | N/A | |
| T | 60 | Common Oak | 7.2 | 1.1 | 7 | 5.2 | 4.6 | 5.1 | 500 | | | | | 1 | EM | G | G | 40+ | B | 1,2 | Boundary tree. Good vitality. Access restricted, limiting detailed measurements. | None required. | 113 | 6.0 | N/A | |
| T | 61 | Common Oak | 8.2 | 2.5 W | 8 | 6.3 | 7.9 | 6.4 | 650 | | | | | 1 | EM | G | G | 40+ | B | 1,2 | Boundary tree. Good vitality. Access restricted, limiting detailed measurements. | None required. | 191 | 7.8 | N/A | |
| T | 62 | Common Hawthorn | 5 | 0.2 E | 2 | 2.5 | 1.8 | 1.5 | 95 | 80 | 85 | | | 3 | EM | F | F | 40+ | C | 1 | Boundary tree. Multi-stemmed. Access restricted, limiting detailed measurements. | None required. | 10 | 1.8 | N/A | |
| T | 63 | Common Hazel | 3.5 | 0.8 E | 2.1 | 2.1 | 1.5 | 1.5 | 80 | 75 | 90 | 75 | 80 | 5 | EM | G | F | 40+ | C | 1 | Third party. Small multi-stemmed tree overhanging site by approx. 1.5m. Good vitality. Access restricted, limiting detailed measurements. | None required. | 15 | 2.2 | N/A | |
| T | 64 | Unknown | 4.4 | 0.8 NE | 2.8 | 3 | 2.8 | 3 | 250 | 150 | 200 | 90 | 100 | 5 | EM | G | F | 40+ | C | 1 | Third party. Garden tree overhanging site by approx. 1.5m. Good vitality. Access restricted, limiting detailed measurements. | None required. | 65 | 4.5 | N/A | |
| T | 65 | Wild Cherry | 6.1 | 0.3 NE | 2.7 | 2.6 | 2.1 | 2.5 | 150 | | | | | 1 | EM | G | F | 40+ | C | 1 | Small boundary tree. Good vitality. Access restricted, limiting detailed measurements. | None required. | 10 | 1.8 | N/A | |
| T | 66 | Wild Cherry | 2.9 | 1 E | 2.5 | 2.2 | 2 | 2.3 | 95 | 95 | | | | 2 | EM | G | F | 40+ | C | 1 | Small boundary tree. Good vitality. Access restricted, limiting detailed measurements. | None required. | 8.2 | 1.6 | N/A | |
| T | 67 | Common Hawthorn | 3.1 | 0.5 E | 2 | 2 | 2 | 2.5 | 95 | | | | | 6 | EM | G | F | 40+ | C | 1 | Third party. Small multi-stemmed tree. Access restricted, limiting detailed measurements. | None required. | 24 | 2.8 | N/A | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|----|-----------------------|-----|-------|-----|------|-----|-----|-----|-----|-----|-----|--|---|----|---|---|-----|---|---|--|---|-----|------|-----|
| T | 68 | Sycamore | 5.7 | 1.7 | 2 | 3 | 2.1 | 3 | 320 | | | | | 1 | EM | G | G | 40+ | B | 1 | Third party garden tree. Access restricted, limiting detailed measurements. | None required. | 46 | 3.8 | N/A |
| T | 69 | Apple | 2.9 | 1.4 E | 1.5 | 1.5 | 1.4 | 1.5 | 75 | | | | | 6 | EM | G | F | 40+ | C | 1 | Third party garden boundary tree. Access restricted, limiting detailed measurements. | None required. | 15 | 2.2 | N/A |
| T | 70 | Spruce | 4 | 0.4 E | 0.9 | 1.5 | 0.9 | 1.4 | 200 | | | | | 1 | EM | G | G | 40+ | C | 1 | Third party garden boundary tree. Access restricted, limiting detailed measurements. | None required. | 18 | 2.4 | N/A |
| T | 71 | Goat Willow | 8.7 | 0.6 E | 5 | 4.5 | 5 | 5.5 | 300 | 400 | | | | 2 | EM | G | F | 40+ | B | 2 | Third party garden boundary tree. Good vitality. Access restricted, limiting detailed measurements. | None required. | 113 | 6.0 | N/A |
| T | 72 | Crab Apple | 4.7 | 1.4 E | 2.2 | 2.5 | 2.6 | 2.5 | 150 | 200 | 100 | 150 | | 4 | EM | G | F | 40+ | C | 1 | Third party garden tree. Access restricted, limiting detailed measurements. | None required. | 43 | 3.7 | N/A |
| T | 73 | Purple Maple | 5.1 | 2.3 E | 2.5 | 2.5 | 3.1 | 3.5 | 250 | | | | | 1 | EM | G | F | 40+ | C | 1 | Third party garden tree. Good vitality. Access restricted, limiting detailed measurements. | None required. | 28 | 3.0 | N/A |
| T | 74 | Apple | 3.2 | 1.5 | 1.9 | 1.9 | 1.9 | 2 | 100 | 150 | 150 | | | 3 | EM | G | F | 40+ | C | 1 | Third party garden boundary tree. Access restricted, limiting detailed measurements. | None required. | 25 | 2.8 | N/A |
| T | 75 | Silver Birch | 8.5 | 2 E | 4.2 | 3.3 | 3.9 | 4 | 290 | | | | | 1 | EM | G | F | 40+ | C | 1 | Third party garden boundary tree. Access restricted, limiting detailed measurements. | None required. | 38 | 3.5 | N/A |
| T | 76 | Grey Willow | 6.8 | 2.2 E | 3.1 | 3.7 | 3 | 3.5 | 300 | | | | | 1 | EM | P | F | 10+ | C | 1 | Third party small garden boundary tree. Dieback of majority of crown. Access restricted, limiting detailed measurements. | N/A as outside site boundary | 41 | 3.6 | N/A |
| T | 77 | Common Horse Chestnut | 6.2 | 1.5 E | 3.1 | 2.6 | 2.8 | 3 | 250 | | | | | 1 | EM | G | G | 40+ | C | 1 | Third party garden boundary. Good vitality. Access restricted, limiting detailed measurements. | None required. | 28 | 3.0 | N/A |
| T | 78 | Common Hawthorn | 4.1 | 0.4 E | 2.4 | 2.2 | 2.4 | 2.5 | 108 | 150 | 130 | | | 3 | EM | G | F | 40+ | C | 1 | Third party garden boundary tree. Access restricted, limiting detailed measurements. | None required. | 23 | 2.7 | N/A |
| T | 79 | Common Horse Chestnut | 4.8 | 1.5 E | 4 | 2 | 1.6 | 4 | 150 | | | | | 1 | EM | G | G | 40+ | C | 1 | Third party garden boundary tree. Access restricted, limiting detailed measurements. | None required. | 10 | 1.8 | N/A |
| T | 80 | Goat Willow | 9.1 | 0.2 E | 6.5 | 6 | 4.8 | 6 | 300 | 300 | 400 | 400 | | 4 | M | G | F | 40+ | B | 2 | Rounded, multi-stemmed form. Good vitality. Access restricted, limiting detailed measurements. | None required. | 226 | 8.5 | N/A |
| T | 81 | Plum | 2.3 | 0 SE | 2 | 2.3 | 1.9 | 1.3 | 140 | | | | | 1 | EM | G | F | 40+ | C | 1 | Small multi-stemmed tree. Access restricted, limiting detailed measurements. | None required. | 8.9 | 1.7 | N/A |
| T | 82 | Mountain Ash | 3.5 | 2 E | 1.8 | 2.2 | 1.5 | 1 | 120 | 100 | 100 | | | 3 | EM | G | F | 20+ | C | 1 | Small multi-stemmed boundary tree. Access restricted, limiting detailed measurements. | None required. | 16 | 2.2 | N/A |
| T | 83 | Common Hawthorn | 6 | 0 E | 2.2 | 2.5 | 2.2 | 2.5 | 300 | 250 | | | | 2 | EM | G | F | 40+ | B | 2 | Boundary tree. Good vitality. Access restricted, limiting detailed measurements. | None required. | 69 | 4.7 | N/A |
| T | 84 | Common Hawthorn | 7.5 | 1.1 E | 4.2 | 4.3 | 3.7 | 4.5 | 100 | | | | | 6 | M | G | F | 40+ | B | 2 | Garden boundary tree. Good vitality. Access restricted, limiting detailed measurements. | None required. | 27 | 2.9 | N/A |
| T | 85 | Common Ash | 13 | 3.5 E | 7.3 | 12.8 | 8.6 | 8.3 | 600 | 600 | | | | 2 | M | F | F | 20+ | B | 3 | Large mature specimen. Dead limb at northwest over third party land. Majority of canopy good vitality. Twin stemmed, leaning stems. Access restricted, limiting detailed measurements. | If tree is within site boundary, remove dead limb over third party land within 12 months. Note permission to access third party land may be required to undertake the work. | 326 | 10.2 | N/A |
| T | 86 | Sycamore | 2.2 | 0 W | 1.5 | 1 | 1.5 | 1.5 | 50 | 50 | 50 | | | 3 | EM | G | F | 40+ | C | 1 | Third party. Small field boundary tree. Access restricted, limiting detailed measurements. | None required. | 3.4 | 1.0 | N/A |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|----|-----------------|------|--------|------|------|------|-----|-----|-----|----|--|---|----|---|---|-----|-----|-------|--|--|----------------|-----|-----|-----|
| T | 87 | Common Hawthorn | 9.1 | 0 W | 4.3 | 4 | 2.9 | 4 | 400 | 300 | | | | 2 | M | G | F | 40+ | B | 3 | Field boundary tree, good vitality. Access restricted, limiting detailed measurements. | None required. | 113 | 6.0 | N/A |
| T | 88 | Common Ash | 9 | 0.3 E | 4.5 | 4 | 4.5 | 4.5 | 110 | | | | 6 | EM | G | F | 20+ | C | 1 | Third party field boundary tree. Minor dieback. Access restricted, limiting detailed measurements. | None required. | 33 | 3.2 | N/A | |
| T | 89 | Common Ash | 10.2 | 0.2 W | 4.22 | 4.7 | 4.62 | 4.4 | 420 | | | | 1 | EM | F | F | 40+ | C | 1 | Field boundary, likely outgrown former hedgerow tree. Dieback, likely due to Ash Dieback Disease, evident across outer crown, however less than 25% overall. Access to stem restricted by low branches limiting detailed measurement. | Re-inspect for deterioration due to Ash Dieback Disease if land use intensifies near the tree, prior to land use intensification. Note, inspections for Ash Dieback Disease are to be carried out during the summer months when the tree is in leaf. | 80 | 5.0 | N/A | |
| T | 90 | Common Ash | 13.4 | 2.9 SW | 5.9 | 7.9 | 7.8 | 6.8 | 820 | | | | 1 | M | F | F | 20+ | B | 3,2 | Large, mature specimen. Cavities developing at base and in stems and branches - bat potential likely. Orange fungal fruiting body on stem at north at approx. 5m - likely to be Inonotus hispidus, a decay fungus. Dieback evident in crown, particularly at north - overall approx. 25%. View of stem base partially obscured by small multi-stemmed elder. | If land use intensifies near the tree, undertake decay detection to quantify decay and thus to determine the tree's risk of failure, to be done prior to land use intensification. | 304 | 9.8 | N/A | |
| T | 91 | Common Ash | 12.8 | 1.7 N | 7.6 | 7.8 | 6.9 | 7.4 | 550 | 600 | | | 2 | M | F | F | 20+ | B | 1,2,3 | Large prominent, field boundary tree. Minor dieback evident. Canopy thinning at north. Inonotus fungal fruiting body bracket under eastern stem near to the ground. This indicates decay within the stem and resulting reduced structural integrity. Evidence of decay on the stem visible from the bracket upwards for approx. 1.5-2m, with remains of other brackets visible on this discoloured area. There is also a dead branch up and to the east, attached to this stem overhanging the hedge at approx. 2 to 2.5m from the ground. Bat roosting potential. Access restricted limiting detailed measurements. | Re-inspect for safety/risk management purposes prior to land use intensification within falling distance of tree. | 300 | 9.8 | N/A | |
| T | 92 | Common Ash | 13.7 | 0 SE | 3.9 | 5.22 | 4.7 | 5.5 | 280 | | | | 1 | EM | F | F | 20+ | B | 2 | Prominent tree between site and motorway, canopy touching motorway sign. Dieback evident, particularly at south and in lower canopy. Access restricted, limiting detailed measurements. | Inspect for progression of Aah Dieback Disease, prior to land use intensification near the tree, | 35 | 3.4 | N/A | |
| T | 93 | Common Ash | 9.2 | 1.5 W | 3.9 | 5 | 5.8 | 5.5 | 300 | 220 | 90 | | 3 | EM | F | F | 10+ | C | 1 | Third party field boundary tree, between site and motorway. Dieback evident, estimated at 20% of canopy. Access restricted, limiting detailed measurements. | Inspect for progression of Aah Dieback Disease, prior to land use intensification near the tree, | 66 | 4.6 | N/A | |

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|---|-----|-----------------|------|--------|------|------|------|------|------|-----|-----|--|--|--|----|----|---|---|-----|---|-------|--|---|-----|------|-----|
| T | 94 | Common Ash | 8.3 | 0.2 SE | 4 | 5.8 | 5.3 | 5.5 | 350 | | | | | | 1 | EM | F | F | 20+ | C | 1 | Third party tree between site and motorway. Dieback (25%) evident throughout crown on eastern side. Access restricted, limiting detailed measurements. | Inspect for progression of Aah Dieback Disease, prior to land use intensification near the tree, | 55 | 4.2 | N/A |
| T | 95 | Common Ash | 10.9 | 2.3 W | 5.2 | 6.5 | 6.4 | 6 | 600 | | | | | | 1 | M | F | F | 40+ | B | 1,2,3 | Large spreading canopy. Dieback at east. Shade deadwood. Access restricted, limiting detailed measurements. | Inspect for progression of Aah Dieback Disease, prior to land use intensification near the tree, | 163 | 7.2 | N/A |
| T | 96 | Common Hawthorn | 8.5 | 2 NE | 3.82 | 4.32 | 5.02 | 2.62 | 290 | | | | | | 1 | M | G | F | 40+ | B | 3 | Single stemmed, browsing and rubbing damage (horse hairs visible). Wounds at west of main stem small cavities developing. Habitat and conservation value. Western end tree of outgrown hedgerow. | None required. | 38 | 3.5 | N/A |
| T | 97 | Common Hawthorn | 7.2 | 0.5 N | 3.8 | 4.21 | 4 | 3.5 | 150 | | | | | | 6 | M | G | F | 40+ | B | 3 | Mature, multi-stemmed specimen, browsing damage on stems. Habitat and conservation value. Access restricted, limiting detailed measurements. | None required. | 61 | 4.4 | N/A |
| T | 98 | Common Hawthorn | 2.6 | 0.5 N | 1.1 | 1.6 | 1.2 | 1.6 | 60 | 70 | 75 | | | | 3 | EM | G | G | 40+ | C | 1 | Small multi-stemmed tree. Access to stems restricted by low canopy, limiting detailed measurements. | None required. | 6.4 | 1.4 | N/A |
| T | 99 | Common Hawthorn | 3 | 0.5 N | 1.5 | 2 | 2 | 1.5 | 80 | | | | | | 6 | EM | F | F | 20+ | C | 1 | Third party boundary tree. Access restricted, limiting detailed measurements. | None required. | 17 | 2.4 | N/A |
| T | 100 | Common Hawthorn | 4.6 | 0 N | 2.3 | 2 | 2.5 | 2.5 | 90 | 95 | | | | | 2 | EM | G | F | 40+ | C | 1 | Third party boundary tree. Access restricted, limiting detailed measurements. | None required. | 7.7 | 1.6 | N/A |
| T | 101 | Sessile Oak | 8.2 | 2.3 | 5 | 4.6 | 5 | 4.4 | 190 | 300 | 290 | | | | 3 | EM | G | F | 40+ | B | 1,2 | Third party boundary tree. Good vitality. Access restricted, limiting detailed measurements. | None required. | 95 | 5.5 | N/A |
| T | 102 | Common Ash | 15.2 | 3.7 SE | 10 | 10 | 8 | 5.7 | 1500 | | | | | | 1 | M | F | F | 20+ | B | 2,3 | Large, prominent tree. Twin stems topped at approx. 5-6m, union at approx. 3.5m. Wound below this at west with decay pocket, partially occluded. Regrowth from topping points created new canopy - wide spreading, generally good vitality, minor dieback visible. Habitat value, due to age and size possible bat potential. Access restricted, limiting detailed measurements. | Re-inspect for safety/risk management purposes within 2 years, inspecting structural integrity of pollard points. | 707 | 15.0 | N/A |
| T | 103 | Apple | 3 | 1.4 W | 2 | 2 | 2 | 1.7 | 90 | 90 | | | | | 2 | EM | G | G | 40+ | C | 1 | Third party small ornamental tree. Access restricted limiting detailed measurements. | None required. | 7.3 | 1.5 | N/A |
| T | 104 | Sargent Cherry | 4.7 | 2 S | 2.5 | 2.5 | 2.5 | 1 | 95 | 90 | 90 | | | | 3 | EM | F | F | 20+ | C | 1 | Third party small ornamental tree. Access restricted limiting detailed measurements. | None required. | 11 | 1.9 | N/A |
| T | 105 | Purple Maple | 5.7 | 0.7 W | 3.6 | 3.5 | 3.9 | 3.7 | 300 | | | | | | 1 | EM | G | G | 40+ | B | 1,2 | Third party garden tree. Good vitality. Access restricted, limiting detailed measurements. | None required. | 41 | 3.6 | N/A |
| T | 106 | Mountain Ash | 8.9 | 1.7 N | 4 | 6 | 3.3 | 3.5 | 100 | | | | | | 10 | M | G | F | 40+ | B | 2 | Third party large multi-stemmed specimen. Good vitality. Access restricted, limiting detailed measurements. | None required. | 45 | 3.8 | N/A |
| T | 107 | Common Hawthorn | 2.5 | 1.7 W | 2.2 | 3.5 | 3.3 | 3.3 | 150 | 120 | | | | | 2 | M | G | G | 40+ | C | 1 | Third party small multi-stemmed garden tree. Access restricted limiting detailed measurements. | None required. | 17 | 2.3 | N/A |
| T | 108 | Common Holly | 4.1 | 0.6 W | 2.8 | 3 | 3 | 3.5 | 250 | | | | | | 1 | M | G | F | 40+ | C | 1 | Third party small garden tree. Access restricted limiting detailed measurements. | None required. | 28 | 3.0 | N/A |

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|---|-----|-----------------|------|-------|-----|-----|-----|-----|-----|-----|-----|--|--|---|----|---|---|-----|---|-----|---|---|-----|-----|-----|
| T | 109 | Tibetan Cherry | 6.4 | 2.8 W | 4.1 | 3.5 | 3.6 | 2.8 | 300 | | | | | 1 | M | G | F | 20+ | B | 1 | Tree with good vitality located in neighbouring residential property. Previously topped at approximately 4m from ground level with regrown crown. Tree does not appear on topographical survey plan, plotted using GPS. | None required. | 41 | 3.6 | N/A |
| T | 110 | Common Oak | 12.5 | 1.8 N | 9.3 | 9.1 | 9.3 | 7.9 | 760 | | | | | 1 | M | F | F | 40+ | B | 1,3 | Hedgerow tree with average form and vitality. Large cavity in lower stem, open to south up to 2m from ground level. Significant amounts of medium sized deadwood up to 120mm diameter in centre of crown. Several small cavities and split bark in upper crown that may be suitable for bat roosting. | If land use intensifies within canopy area of tree, shorten deadwood to approximately 1m in length, prior to intensification. | 261 | 9.1 | N/A |
| T | 111 | Sessile Oak | 11.8 | 2.3 S | 7.4 | 8.4 | 9 | 9.1 | 690 | | | | | 1 | M | G | G | 40+ | A | 1 | Hedgerow tree with good form and vitality. Deadwood up to 100mm diameter and 3m length in lower crown. Minor browsing damage to bark on lower stem. | If land use intensifies within crown spread, shorten deadwood to approximately 1m in length, prior to intensification. | 215 | 8.3 | N/A |
| T | 112 | Common Hawthorn | 5.6 | 1.5 W | 2.6 | 2.9 | 2.9 | 2.5 | 180 | 200 | 130 | | | 3 | M | F | G | 40+ | C | 1 | Hedgerow remnant tree, separate from rest of current hedge. Minor dieback in upper crown. Dog rose colonising south of crown, restricting growth. | None required. | 40 | 3.6 | N/A |
| T | 113 | Elder | 4.1 | 2.5 S | 2 | 1.6 | 1.3 | 1.5 | 180 | | | | | 1 | EM | G | F | 20+ | C | 1 | Tree immediately adjacent to site boundary. Crown previously raised to provide clearance from adjacent gate. Good vitality in upper crown. Ivy covering stem to 2.5m from ground level. | None required. | 15 | 2.2 | N/A |
| T | 114 | Common Hawthorn | 3.3 | 1.6 N | 3.2 | 1.5 | 1.2 | 1.5 | 120 | 120 | 200 | | | 3 | EM | F | F | 20+ | C | 1 | Tree located in neighbouring residential property with ivy significantly colonising crown, restricting growth. Previously topped at approximately 3m from ground level with minor regrowth visible. | None required. | 31 | 3.1 | N/A |
| T | 115 | Sycamore | 3.9 | 1.4 W | 2.1 | 2.5 | 2.1 | 2.6 | 450 | | | | | 1 | M | F | F | 20+ | C | 1 | Tree located in adjacent residential property, previously topped at approximately 2.5m from ground level. Dense regrowth. | None required. | 92 | 5.4 | N/A |
| T | 116 | Common Hawthorn | 3.8 | 1.6 W | 2.1 | 2 | 1.7 | 2 | 130 | | | | | 6 | EM | F | F | 20+ | C | 1 | Multi stemmed tree located in neighbouring residential property. Previously topped at approximately 3m from ground level with significant regrowth. Ivy covering stem to 2m from ground level. | None required. | 46 | 3.8 | N/A |
| T | 117 | Common Hawthorn | 4.8 | 1.4 W | 2.3 | 3 | 2.9 | 3.1 | 300 | | | | | 1 | M | G | F | 40+ | C | 1 | Tree with good vitality immediately adjacent to site boundary fence. Previously topped, regrowth is dense and extensive. | None required. | 41 | 3.6 | N/A |
| T | 118 | Common Hawthorn | 5.3 | 1.3 W | 2.1 | 2.5 | 2.8 | 3.2 | 280 | | | | | 1 | M | G | F | 40+ | C | 1 | Tree with good vitality immediately adjacent to site boundary fence. Previously topped, regrowth is dense and extensive. | None required. | 35 | 3.4 | N/A |
| T | 119 | Apple | 4.8 | 0.8 W | 3.6 | 2 | 2.4 | 2.2 | 140 | 100 | | | | 2 | EM | G | G | 40+ | C | 1 | Tree located in neighbouring residential property. Good form, vitality and fruit production. | None required. | 13 | 2.1 | N/A |
| T | 120 | Common Ash | 5.7 | 2.1 N | 2.3 | 2 | 2.1 | 1.9 | 90 | 90 | | | | 2 | SM | G | G | 40+ | C | 1 | Small twin stemmed tree with good vitality located within hedge at site boundary. | None required. | 7.3 | 1.5 | N/A |
| T | 121 | Common Ash | 9.5 | 2.8 S | 7.6 | 3.5 | 4.7 | 5.4 | 300 | 240 | | | | 2 | EM | P | F | 10+ | C | 1 | Hedgerow tree with extensive dieback in upper crown, consistent with Ash Dieback Disease. Approximately 75% live crown remaining. | If land use intensifies within falling distance of tree, reduce tree to height of hedge (5m), prior to intensification. | 67 | 4.6 | N/A |

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|---|------|-----------------|------|-------|------|------|-----|-----|-----|-----|----|----|----|---|----|---|---|-----|---|-----|---|---|-----|------|-----|
| T | 122 | Whitebeam | 9 | 2.7 N | 4.6 | 4.3 | 4 | 4.7 | 150 | | | | | 8 | M | G | F | 40+ | B | 1 | Multi stemmed tree with good vitality located immediately adjacent to site boundary fence. Lower branches previously pruned to north for clearance from crop field. Foliage to ground level. Several tight unions observed but no incipient failure observed. | If land use intensifies within falling distance of tree, re-inspect for safety/risk management purposes, prior to intensification. | 81 | 5.1 | N/A |
| T | 123 | Common Hawthorn | 4.2 | 2.9 N | 2.8 | 3.3 | 2.5 | 3.2 | 110 | 100 | 70 | 70 | 70 | 5 | M | F | F | 20+ | C | 1 | Multi stemmed tree on motorway embankment adjacent to site boundary fence. Lower branches previously pruned to north for clearance from newly installed fence. Average vitality in crown. | None required. | 17 | 2.3 | N/A |
| T | 124 | Common Ash | 6.1 | 2.1 E | 2.6 | 2.2 | 2 | 2.4 | 140 | | | | | 1 | SM | F | F | 20+ | C | 1 | Unremarkable tree located off site on motorway embankment. | None required. | 8.9 | 1.7 | N/A |
| T | 125 | Common Hawthorn | 7.4 | 2.1 E | 34 | 4 | 3.9 | 3.7 | 400 | | | | | 1 | M | G | G | 40+ | B | 1 | Tree within hedgerow significantly larger than rest of hedge. Good vitality in upper crown. Stem bifurcates at 1.6m from ground level with tight union , but equal sized stems so risk of failure appears low. | None required. | 72 | 4.8 | N/A |
| T | 126 | Sessile Oak | 14.3 | 2.3 N | 10.2 | 10.1 | 6.7 | 10 | 670 | 550 | | | | 2 | M | G | G | 40+ | A | 1,2 | Large twin stemmed tree adjacent to post and wire fence. Good form and vitality throughout crown. Medium deadwood in centre of crown up to 120mm diameter and 1.5m in length. Drainage channel approximately 2m to east of stem with surface roots along its course. Good example of species. | None required. | 340 | 10.4 | N/A |
| T | 1001 | Sessile Oak | 8.8 | 1.6 W | 0.8 | 0.3 | 3.5 | 4.5 | 320 | | | | | 1 | EM | F | F | 20+ | C | 1,3 | Tree on steep bank of stream, leaning significantly towards south-west, although self-corrected in upper crown and adapted to location on bank. Wire fence embedded within lower stem. Average vitality in crown. Several small cavities, approximately 100mm diameter, in lower stem offer habitat potential. Rooting constraint to south and west due to stream, therefore RPA amended. | None required in current context. | 46 | 3.8 | N/A |
| T | 1002 | Sycamore | 9.1 | 4.2 S | 0.9 | 0.7 | 4.5 | 2.6 | 200 | | | | | 1 | EM | F | F | 20+ | C | 1 | Tree on northern bank of stream at edge of woodland. Small sized deadwood in centre of crown. Wire fence embedded within lower stem. Rooting constraint to south due to stream, therefore RPA amended. | None required in current context. | 18 | 2.4 | N/A |
| T | 1003 | Sessile Oak | 13.3 | 1.4 S | 1.6 | 2.5 | 8 | 4 | 430 | | | | | 1 | EM | G | F | 40+ | B | 1,2 | Tree on steep northern bank of stream. Stem bifurcates at 2.2m from ground level. Medium sized deadwood up to 100mm diameter in southern crown. Wire fence embedded within lower stem. Rooting constraint to south due to stream, therefore RPA amended. | None in current context. | 84 | 5.2 | N/A |
| T | 1004 | Sycamore | 8.6 | 6.5 S | 0.2 | 0.9 | 4 | 2.5 | 210 | | | | | 1 | EM | F | F | 20+ | C | 1 | Tree on steep northern bank of stream at woodland edge. Low bud density indicates reduced vitality. Rooting constraint to south due to stream, therefore RPA amended. | None required in current context. | 20 | 2.5 | N/A |
| T | 1005 | Sycamore | 14.1 | 3.3 S | 4.6 | 4.1 | 7.5 | 2.8 | 480 | | | | | 1 | M | G | F | 40+ | B | 1 | Tree on steep southern bank of stream at edge of woodland. Good crown vitality. Stem bifurcates at 4m from ground level with tight union, good adaptive growth around union. Rooting constraint to north due to stream, therefore RPA amended. | If land use substantially intensifies within falling distance of tree, re-inspect stem bifurcation for risk management purposes prior to intensification. | 104 | 5.8 | N/A |
| T | 1006 | Common Hawthorn | 5.6 | 0.5 E | 2.2 | 2 | 2.5 | 2 | 110 | | | | | 1 | EM | G | G | 40+ | C | 1 | Small woodland understorey tree with good vitality. | None required in current context. | 5.5 | 1.3 | N/A |
| T | 1007 | Sessile Oak | 15.2 | 6.3 S | 5.4 | 4.1 | 8 | 6.5 | 430 | | | | | 1 | EM | G | F | 40+ | B | 1 | Tree on steep northern bank of stream, adapted to location by increased buttressing on uphill side. Good vitality in crown. Medium deadwood up to 80mm diameter in centre of crown. Rooting constraint to south due to stream, therefore RPA amended. | None required in current context. | 84 | 5.2 | N/A |

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|---|------|-----------------|------|-------|-----|-----|-----|-----|-----|-----|-----|--|--|---|----|---|---|-----|---|-----|---|-----------------------------------|-----|-----|-----|
| T | 1008 | Sessile Oak | 18.5 | 4.6 N | 8.9 | 5.2 | 1.5 | 7.6 | 520 | | | | | 1 | M | G | G | 40+ | B | 1,2 | Woodland tree on northern bank of stream. Crown weighted to north but adapted to location. Good crown vitality. Medium sized deadwood up to 100mm diameter in centre of crown. Rooting constraint to south due to stream, therefore RPA amended. | None required in current context. | 122 | 6.2 | N/A |
| T | 1009 | Common Hawthorn | 5.7 | 0.4 N | 2 | 2.6 | 2.5 | 1.8 | 90 | | | | | 1 | SM | G | F | 40+ | C | 1 | Small tree on southern bank of stream. Good vitality, but suppressed form due to woodland shading. Rooting constraint to north due to stream, therefore RPA amended. | None required in current context. | 3.7 | 1.1 | N/A |
| T | 1010 | Ash | 7.7 | 3.1 S | 0.8 | 1.8 | 2.5 | 1.8 | 100 | | | | | 1 | SM | G | G | 20+ | C | 1 | Small tree on southern bank of stream. Reduced vitality and suppressed form due to woodland shading. Rooting constraint to north, therefore RPA amended. | None required in current context. | 4.5 | 1.2 | N/A |
| T | 1011 | Sycamore | 16 | 2.6 N | 4.9 | 3.4 | 4.5 | 4.3 | 320 | | | | | 1 | EM | F | F | 20+ | C | 1 | Tree on steep northern bank of stream. Average form and vitality. Rooting constraint to south due to stream, therefore RPA amended. | None required in current context. | 46 | 3.8 | N/A |
| T | 1012 | Sycamore | 17.8 | 5.8 S | 7.5 | 7.5 | 5 | 4.4 | 470 | 210 | 300 | | | 3 | M | G | F | 40+ | B | 1,2 | Multi-stemmed tree on steep northern bank of stream. Largest stem bifurcates at 2.5m from ground level with tight union, good adaptive growth. Good bud density in upper crown despite shading from neighbouring tree. Extensive basal epicormic growth. Stream becomes shallow immediately east of tree, therefore unlikely to be a constraint to rooting and thus circular RPA retained. | None required in current context. | 161 | 7.1 | N/A |
| T | 1013 | Sycamore | 17 | 2 S | 0.5 | 6 | 9 | 6 | 500 | | | | | 1 | M | G | F | 40+ | B | 1,2 | Tree with uneven crown on steep southern bank of stream at edge of woodland. Good vitality throughout southern crown. Extensive basal epicormic growth. Stream becomes shallow immediately east of tree, therefore unlikely to be a constraint to rooting and thus circular RPA retained. | None required in current context. | 113 | 6.0 | N/A |
| T | 1014 | Sycamore | 8.6 | 4.2 S | 6.7 | 6.1 | 6 | 0.5 | 180 | 180 | | | | 2 | EM | F | F | 20+ | C | 1 | Tree growing in boggy ground within shallow stream. Twin stemmed from ground level. Average form and vitality. Stream is shallow adjacent to tree, therefore unlikely to be a constraint to rooting and thus circular RPA retained. | None required in current context. | 29 | 3.1 | N/A |
| T | 1015 | Sycamore | 15.5 | 1.1 S | 7 | 3 | 8 | 2.8 | 310 | 320 | | | | 2 | M | G | F | 40+ | B | 1,2 | Twin stemmed tree on southern bank of shallow stream at edge of woodland. Surface roots visible on both sides of stream. Stem bifurcates close to ground level with tight union, good adaptive growth around union. Good vitality throughout crown. Stream is shallow adjacent to tree, therefore unlikely to be a constraint to rooting and thus circular RPA retained. Dog's Mercury growing at base of tree, which is an ancient woodland indicator species. | None required in current context. | 90 | 5.3 | N/A |
| T | 1016 | Common Hawthorn | 5.5 | 1.2 W | 2.3 | 3.1 | 2.9 | 3 | 120 | 100 | | | | 2 | EM | G | G | 40+ | C | 1 | Small tree on western bank of stream. Good crown vitality. Unable to fully access due to deep ditch and fence. Rooting constraint to east due to stream, therefore RPA amended. | None required in current context. | 11 | 1.9 | N/A |
| T | 1017 | Sessile Oak | 10.9 | 2.9 W | 3.7 | 0.5 | 3 | 10 | 320 | 380 | 350 | | | 3 | M | G | F | 40+ | B | 1 | Woodland edge tree with good vitality on bank of stream. Well adapted to location on slope. Deadwood up to 80mm diameter in centre of crown. Rooting constraint to west due to stream, therefore RPA amended. | None required in current context. | 167 | 7.3 | N/A |
| T | 1018 | Sessile Oak | 6.3 | 3.3 W | 4.2 | 1 | 1.4 | 7 | 250 | | | | | 1 | EM | G | F | 40+ | C | 1 | Tree on bank of stream with very uneven crown spread due to shading by larger woodland trees. Good vitality in crown indicating adaptation to location. Rooting constraint to west due to stream, therefore RPA amended. | None required in current context. | 28 | 3.0 | N/A |
| T | 1019 | Sessile Oak | 16.7 | 1.8 N | 6.7 | 1.4 | 6 | 7.5 | 580 | | | | | 1 | M | G | F | 40+ | B | 1,2 | One of the larger trees in this area of the woodland. Located on slope. Uneven crown spread due to shading from woodland. Good vitality in western crown. Small sized deadwood in centre of crown. Rooting constraint to west due to stream, therefore RPA amended. | None required in current context. | 152 | 7.0 | N/A |
| T | 1020 | Sessile Oak | 8.1 | 4.5 W | 3.9 | 0.2 | 3.5 | 8 | 200 | | | | | 1 | EM | F | F | 20+ | C | 1 | Very uneven crown spread due to woodland shading. Phototropic growth indicates adaptation to location, however lower bud density than neighbouring trees. Rooting constraint to west due to stream, therefore RPA amended. | None required in current context. | 18 | 2.4 | N/A |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|------|-----------------------|------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|---|----|---|---|-----|---|---|---|-----------------------------------|-----|-----|-----|
| T | 1021 | Sycamore | 8.2 | 1.7 W | 4.2 | 1.9 | 5.4 | 7.5 | 380 | | | | | 1 | M | G | F | 20+ | B | 1 | Tree growing from near vertical western bank of stream, well adapted to location. Good bud density indicating high vitality. Rooting constraint to east due to stream, therefore RPA amended. Further erosion of bank may lead to instability of tree. | None required in current context. | 65 | 4.6 | N/A |
| T | 1022 | Common Hawthorn | 4.5 | 0 | 3.2 | 3 | 2.8 | 5 | 90 | 80 | 80 | 70 | | 4 | EM | G | F | 20+ | C | 1 | Multi-stemmed tree growing from near vertical western bank of stream, well adapted to location. Good crown vitality. Rooting constraint to east due to stream, therefore RPA amended. Further erosion of bank may lead to instability of tree. | None required in current context. | 12 | 1.9 | N/A |
| T | 1023 | Common Hawthorn | 4.2 | 0 | 2 | 1.7 | 1.8 | 2 | 100 | 80 | 60 | 60 | | 4 | EM | F | F | 20+ | C | 1 | Multi-stemmed tree on steep eastern bank of stream. Average form and vitality. Rooting constraint to west due to stream, therefore RPA amended. | None required in current context. | 11 | 1.8 | N/A |
| T | 1024 | Common Hawthorn | 6.4 | 0 | 2.1 | 1 | 1.8 | 3.5 | 100 | 100 | 90 | 80 | | 4 | EM | F | F | 20+ | C | 1 | Tree located on steep eastern bank of stream. Previous partial stem failure, now stabilised in bank and adapted to location. Abundant epicormic growth suggests stress, although upper crown has good bud density. Rooting constraint to west due to stream, therefore RPA amended. | None required in current context. | 16 | 2.2 | N/A |
| T | 1025 | Common Oak | 17.3 | 3 W | 5.3 | 3.5 | 6 | 5.5 | 470 | | | | | 1 | M | G | F | 40+ | B | 1 | Woodland tree on steep eastern bank of stream. Abundant surface roots and buttressing indicating adaptation to location. Good vitality in upper crown. Medium sized deadwood up to 100mm diameter in centre of crown. Rooting constraint to west due to stream, therefore RPA amended. | None required in current context. | 100 | 5.6 | N/A |
| T | 1026 | Field Maple | 13.5 | 1.4 S | 5.2 | 3.5 | 5.8 | | 300 | 180 | 180 | 170 | 160 | 5 | M | G | F | 40+ | B | 1 | Multi-stemmed tree at top of steep western bank of stream. Good crown vitality and adaptation to location. Tight unions close to ground level but abundant natural bracing in crown. Rooting constraint to east due to stream, therefore RPA amended. Further erosion of bank may lead to instability of tree. | None required in current context. | 95 | 5.5 | N/A |
| T | 1027 | Common Oak | 11.5 | 3.8 W | 4.1 | 0.6 | 5.7 | 6.5 | 320 | | | | | 1 | EM | G | F | 40+ | B | 1 | Woodland edge tree on bank. Good crown vitality. Uneven crown spread due to shading from woodland, however tree adapted to location. Rooting constraint to east due to stream, therefore RPA amended. | None required in current context. | 46 | 3.8 | N/A |
| T | 1028 | Sessile Oak | 5.7 | 2.1 W | 4.9 | 0.3 | 2 | 6 | 130 | | | | | 1 | SM | F | F | 20+ | C | 1 | Small tree with very uneven crown spread due to woodland shading. Lower bud density than larger neighbouring trees. | None required in current context. | 7.6 | 1.6 | N/A |
| T | 1029 | Sycamore | 11.9 | 2.4 W | 1.7 | 2 | 2.3 | 4.2 | 190 | 230 | | | | 2 | EM | F | F | 20+ | C | 1 | Twin-stemmed woodland tree with average form and vitality. Basal decay with good reaction growth around cavities of up to 200mm width, may be evidence of previous coppicing. Rooting constraint to west due to stream, therefore RPA amended. | None required in current context. | 40 | 3.6 | N/A |
| T | 1030 | Sessile Oak | 13.5 | 1.4 W | 5.9 | 2.2 | 0.7 | 9.5 | 200 | 370 | | | | 2 | M | G | F | 40+ | B | 1 | Twin-stemmed tree on slope. Medium deadwood up to 100mm diameter in centre of crown. Uneven crown spread due to woodland shading. Buttressing and surface rooting is pronounced to east on uphill side of stem, indicating adaptation to location. Rooting constraint to west due to stream, therefore RPA amended. | None required in current context. | 80 | 5.0 | N/A |
| T | 1031 | Sessile Oak | 14.6 | 8.2 W | 4.3 | 4.2 | 4 | 4.3 | 290 | | | | | 1 | EM | G | G | 40+ | B | 1 | Tree with straight stem and no branching until relatively high in crown. Good vitality in upper crown. | None required in current context. | 38 | 3.5 | N/A |
| T | 1032 | Common Horse Chestnut | 15 | 3.9 W | 6.7 | 5 | 5.5 | 6 | 730 | | | | | 1 | M | G | G | 40+ | A | 1 | Large tree at edge of woodland. Good vitality, particularly for species. Vertical wound on west of lower stem up to 3m from ground level, good reaction at edge of wound, cavity currently 5cm wide. Some dark staining on north-west of stem at 0.8m from ground level, appears isolated. Sounding hammer investigation suggests sufficient sound wood present. Good example of species. Stream is shallow, therefore unlikely to be a constraint to rooting thus circular RPA retained. | None required in current context. | 241 | 8.8 | N/A |
| T | 1033 | Mountain Ash | 8.1 | 2.2 E | 1.9 | 3.8 | 3.5 | 2.3 | 210 | | | | | 1 | M | G | F | 20+ | B | 1 | Tree on bank of stream with basal cavity with a width approximately 70% of the stem diameter at that point, good adaptive growth. Further cavity, approximately 100mm diameter, on southern side of stem at 1.3m from ground level, reaction growth around cavity. Sounding hammer investigation suggests localised hollowing. | None required in current context. | 20 | 2.5 | N/A |

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|---|------|-----------------|------|-------|-----|-----|-----|-----|-----|-----|-----|--|--|---|-----|---|---|-----|---|---|--|---|-----|-----|-----|
| T | 1034 | Sycamore | 9.4 | 2.1 W | 3.9 | 3.6 | 4.2 | 4.9 | 230 | 210 | 160 | | | 3 | EM | P | P | <10 | U | | Kretzschmaria deusta decay fungi fruiting bodies to east of lower stems. Dark staining with white centre on all three stems. Bud density appears good but shoot extension growth is poor. | If tree is under the control of the client, reduce tree to 3m tall habitat pole within 6 months due to proximity to PROW and risk of failure. | 55 | 4.2 | N/A |
| T | 1035 | Unknown | 6.7 | 1.7 S | 1.2 | 4.2 | 3.3 | 2.6 | 140 | 200 | 80 | | | 3 | N/A | D | P | N/A | U | | Dead tree at top of bank. Indicative RPA remains on plan as root severance may lead to instability of the tree. | None required in current context. Remove or reduce to 2-3m tall habitat pole if land use intensifies within falling distance of tree, prior to intensification. | 30 | 3.1 | N/A |
| T | 1036 | Sycamore | 7.9 | 2.4 W | 2.6 | 1.5 | 2.5 | 4.9 | 180 | 100 | | | | 2 | EM | F | F | 20+ | C | 1 | Twin stemmed tree with average vitality, on sloped bank. | None required in current context. | 19 | 2.5 | N/A |
| T | 1037 | Sycamore | 7.8 | 2.8 E | 2 | 4.2 | 1.5 | 1.4 | 190 | 170 | | | | 2 | EM | F | F | 20+ | C | 1 | Twin stemmed tree with average form and vitality on bank of stream. Stream is shallow, therefore not a likely constraint to rooting thus circular RPA retained. | None required in current context. | 29 | 3.1 | N/A |
| T | 1038 | Sycamore | 9.2 | 4.2 E | 1 | 2.5 | 2.7 | 2.3 | 180 | 160 | | | | 2 | EM | P | P | <10 | U | | Twin stemmed tree on western bank of stream. North-easternmost stem is dead, with the remaining crown having poor vitality. Both stems have dark staining and possible Kretzschmaria decay fungo fruiting bodies at stem base. Unable to fully access to north and east due to boggy ground. | None required in current context. If land use intensifies within falling distance, remove or coppice prior to intensification. | 26 | 2.9 | N/A |
| T | 1039 | Common Hawthorn | 4.8 | 0.8 W | 2.7 | 1.6 | 2.4 | 2.1 | 70 | | | | | 7 | EM | F | F | 40+ | C | 1 | Multi-stemmed tree at edge of woodland. Average vitality, form and stature | None required in current context. | 16 | 2.2 | N/A |
| T | 1040 | Sycamore | 12.8 | 1.6 W | 2.7 | 3.7 | 6.5 | 5.3 | 430 | 370 | | | | 2 | M | F | F | 20+ | B | 1 | Woodland tree with signs of dieback in crown. Large area of basal decay on north side of stem. Decay appears very localised, as evidenced by probe and sounding hammer investigation. Likley saproxylic fungi on exposed dead wood at stem base. | None required in current context. If land use intensifies within falling distance of tree, re-inspect stem base and crown physiology prior to intensification. | 146 | 6.8 | N/A |
| T | 1041 | Sessile Oak | 18.3 | 5.8 N | 5.4 | 6.6 | 4.2 | 3.2 | 370 | | | | | 1 | EM | G | G | 40+ | B | 1 | Woodland tree on slope with restricted crown spread due to shading. Good vitality in upper crown. Well adapted to location through buttressing on uphill side and surface roots traversing the slope. | None required in current context. | 62 | 4.4 | N/A |

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| T | 1042 | Sycamore | 13.1 | 3.4 N | 5.1 | 1.6 | 6 | 3.5 | 310 | | | | | 1 | EM | F | F | 20+ | C | 1 | Woodland edge tree with restricted crown spread due to shading. Stream is shallow adjacent to tree, therefore circular RPA retained. | None required in current context. | 43 | 3.7 | N/A |
| T | 1043 | Ash | 13 | 2.9 S | 5.5 | 4.8 | 7.5 | 5.2 | 440 | | | | | 1 | M | G | G | 40+ | B | 1,2 | Tree at edge of woodland with high bud density indicating good vitality. Wire fence embeded within lower stem. Stream is shallow adjacent to tree, therefore circular RPA retained. | None required in current context. | 88 | 5.3 | N/A |
| T | 1044 | Common Hawthorn | 4.1 | 1.7 S | 0.4 | 1.8 | 6.4 | 3 | 170 | 110 | | | | 2 | M | F | F | 40+ | B | 1 | Woodland edge tree with uneven crown spread. Good crown vitality despite shading. | None required in current context. | 19 | 2.4 | N/A |
| T | 1045 | Common Hawthorn | 6.2 | 0.4 W | 1 | 4.1 | 5.7 | 3 | 210 | 150 | | | | 2 | M | G | F | 40+ | B | 1 | Woodland edge tree with good vitality. Uneven crown spread due to shading from woodland. | None required in current context. | 30 | 3.1 | N/A |
| T | 1046 | Hawthorn | 7 | N/A | 3.3 | 3.5 | 1.5 | 2.8 | 90 | 90 | 70 | | | 3 | EM | F | F | 20+ | C | 2 | Tree with average form and vitality in group on bank of stream. | None required in current context. | 9.5 | 1.7 | N/A |
| T | 1047 | Hawthorn | 7 | N/A | 0.9 | 2.9 | 2.3 | 3.7 | 110 | | | | | 1 | EM | F | F | 20+ | C | 2 | Tree with average form and vitality in group on bank of stream. | None required in current context. | 5.5 | 1.3 | N/A |
| T | 1048 | Hazel | 4 | N/A | 1 | 5.2 | 1.5 | 5.5 | 75 | | | | | 8 | EM | F | F | 20+ | C | 2 | Multi-stemmed tree with average vitality in group on bank of stream. | None required in current context. | 20 | 2.5 | N/A |
| T | 1049 | Hazel | 4 | N/A | 1.3 | 1.8 | 1.1 | 1.8 | 75 | | | | | 1 | SM | F | F | 20+ | C | 2 | Tree with average form and vitality in group on bank of stream. | None required in current context. | 2.5 | 0.9 | N/A |
| T | 1050 | Mountain Ash | 7 | N/A | 1.9 | 3.1 | 1.3 | 1 | 90 | | | | | 1 | SM | F | F | 20+ | C | 2 | Tree with average form and vitality in group on bank of stream. | None required in current context. | 3.7 | 1.1 | N/A |
| T | 1051 | Sycamore | 7 | N/A | 1.5 | 1.9 | 2.2 | 1.8 | 90 | | | | | 1 | SM | F | F | 20+ | C | 2 | Tree with average form and vitality in group on bank of stream. | None required in current context. | 3.7 | 1.1 | N/A |
| T | 1052 | Sycamore | 7 | N/A | 1.5 | 1.4 | 0.6 | 2.4 | 90 | 80 | | | | 2 | SM | F | F | 20+ | C | 2 | Tree with average form and vitality in group on bank of stream. | None required in current context. | 6.6 | 1.4 | N/A |
| T | 1053 | Sycamore | 7 | N/A | 0.5 | 1.5 | 1.9 | 1 | 80 | 60 | | | | 2 | SM | F | F | 20+ | C | 2 | Tree with average form and vitality in group on bank of stream. | None required in current context. | 4.5 | 1.2 | N/A |
| T | 1054 | Hawthorn | 7 | N/A | 1.2 | 0.7 | 0.8 | 2 | 100 | | | | | 1 | EM | F | F | 20+ | C | 2 | Tree with average form and vitality in group on bank of stream. | None required in current context. | 4.5 | 1.2 | N/A |
| T | 1055 | Hawthorn | 7 | N/A | 0.8 | 1.2 | 1.9 | 2.3 | 120 | | | | | 1 | EM | F | F | 20+ | C | 2 | Tree with average form and vitality in group on bank of stream. | None required in current context. | 6.5 | 1.4 | N/A |
| T | 1056 | Hawthorn | 7 | N/A | 2.4 | 4.3 | 1.6 | 2.2 | 90 | 80 | 70 | | | 3 | EM | F | F | 20+ | C | 2 | Tree with average form and vitality in group on bank of stream. | None required in current context. | 8.8 | 1.7 | N/A |
| T | 1057 | Sycamore | 7 | N/A | 1.4 | 2.2 | 2.4 | 2.2 | 130 | | | | | 1 | EM | F | F | 20+ | C | 2 | Tree with average form and vitality in group on bank of stream. | None required in current context. | 7.6 | 1.6 | N/A |
| T | 1058 | Hawthorn | 8 | N/A | 0.9 | 0.9 | 2.6 | 2.5 | 110 | | | | | 1 | EM | F | F | 40+ | C | 2 | Tree with average form and vitality in group on bank of stream. | None required in current context. | 5.5 | 1.3 | N/A |
| T | 1059 | Sycamore | 8 | N/A | 4 | 2.5 | 4 | 3.4 | 220 | 220 | 260 | | | 3 | M | F | F | 40+ | B | 2 | Multi-stemmed tree with average form and vitality on sloped bank. | None required in current context. | 74 | 4.9 | N/A |

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| T | 1060 | Hawthorn | 8 | N/A | 1.4 | 2.2 | 1.7 | 3.8 | 110 | 100 | 80 | | | 3 | M | F | F | 40+ | C | 2 | Tree with average form and vitality in group on bank of stream. | None required in current context. | 13 | 2.0 | N/A |
| T | 1061 | Hawthorn | 8 | N/A | 2.2 | 1.9 | 2 | 4.9 | 180 | 180 | | | | 2 | M | F | F | 40+ | C | 2 | Tree with average form and vitality in group on bank of stream. | None required in current context. | 29 | 3.1 | N/A |
| T | 1062 | Hawthorn | 8 | N/A | 2.8 | 2.1 | 1.8 | 3.2 | 90 | 80 | | | | 2 | EM | F | F | 40+ | C | 2 | Tree with average form and vitality in group on bank of stream. | None required in current context. | 6.6 | 1.4 | N/A |
| T | 1063 | Ash | 8 | N/A | 3.8 | 3.3 | 2.6 | 5.4 | 190 | | | | | 1 | EM | F | F | 20+ | C | 2 | Tree with average form and vitality in group on bank of stream. | None required in current context. | 16 | 2.3 | N/A |
| G | 1 | Ash | 3.7 | 1 W | Plotted using GPS | | | | 75 | 90 | 100 | | | | 3 | EM | F | F | 10+ | C | 2 | Varying degrees of dieback from minimal to less than 25%. Small, single and multi-stemmed tree group between woodland blocks. Access restricted by ground vegetation, limiting detailed measurements. | None required. | RPA to edge of canopy. | N/A |
| G | 2 | Hawthorn, ash | 4 | 0 W | Plotted using GPS | | | | 95 | | | | | | 6 | SM-EM | G | F | 40+ | C | 2 | Multi-stemmed hawthorn, excellent vitality. Small single-stemmed ash growing up through and adjacent north, minor dieback except at very north east. Access restricted due to low canopy, limiting detailed measurements. | None required. | RPA to edge of canopy. | N/A |
| G | 3 | Ash, hawthorn. | 3 | 0 W | Plotted using GPS | | | | 70 | | | | | | 6 | Y-EM | G | F | 40+ | C | 2 | Small multi-stemmed trees. Hawthorn excellent vitality, ash minor dieback. Access restricted due to low canopy, limiting detailed measurements. | None required. | RPA to edge of canopy. | N/A |
| G | 4 | Hawthorn. | 2.3 | 0 W | Plotted using GPS | | | | 100 | | | | | | 1 | EM | G | F | 40+ | C | 2 | Small trees. Excellent vitality. Stem diameter estimated due to low canopy. | None required. | RPA to edge of canopy. | N/A |
| G | 5 | Hawthorn | 2.5 | 0 W | Plotted using GPS | | | | 150 | | | | | | 1 | EM | G | F | 40+ | C | 2 | Small hawthorns. Stem diameter estimated due to low canopies. | None required. | RPA to edge of canopy. | N/A |
| G | 6 | Sycamore, hawthorn. | 7.3 | 0 S | Plotted using GPS | | | | 100 | 200 | 130 | 130 | | | 4 | SM-EM | G | F | 40+ | C | 1,2 | Outgrown multi-stemmed former hedgerow trees. Excellent vitality. Adjacent and overhanging busy road at south of group. Stem diameter estimated due to location and low canopy. | None required. | RPA to edge of canopy. | N/A |
| G | 7 | Hawthorn | 2.2 | 0 W | Plotted using GPS | | | | 150 | | | | | | 1 | EM | G | F | 40+ | C | 1 | Dome shaped canopy, multi-stemmed. Excellent vitality. Stem diameter estimated due to low canopy. | None required. | RPA to edge of canopy. | N/A |
| G | 8 | Hawthorn, ash | 4.1 | 0 S | Plotted using GPS | | | | 95 | | | | | | 6 | SM | G | F | 40+ | C | 2,1 | Small multi-stemmed trees. Hawthorn excellent vitality, ash also appears very healthy, ash set back from boundary and not overhanging site. Stem diameters estimated due to low canopy. | None required. | RPA to edge of canopy. | N/A |
| G | 9 | Sycamore, hawthorn, elder, hazel, oak, ash. | 19.9 | 1.5 S | Plotted using topographical plan and GPS | | | | 850 | | | | | | 1 | EM-M | G | F | 40+ | A | 2,3 | Field boundary group. Good vitality. Medium to large trees, ivy on several stems, smaller hawthorn between larger oak and sycamore. Some elder and hazel at eastern end and holly at western end. Likely at least partly made up of outgrown former hedgerow trees. Group canopies form tunnel over road together with group G10 on northern side. Habitat, conservation, connectivity, shade and screening value. Ash at western extent - dieback evident, less than 25%. Flailed on roadside from near eastern extent to western extent to c. 3m. Access to trees restricted due to location on banking adjacent road, vegetation and field boundary fencing limiting detailed measurements. | Re-inspect for safety/risk management purposes when trees are in full leaf within 18 months of this survey. | RPA 5.3m from edge of canopy, except to edge of road. | N/A |
| G | 10 | Oak, sycamore, hawthorn, hazel,. | 12.4 | 1.5 N | Plotted using topographical plan and GPS | | | | 950 | | | | | | 1 | EM-M | G | F | 40+ | A | 2,3 | Field boundary group. Good vitality. Forming tunnel over road together with G9 canopies at south. Bluebells on banking on roadside at east. Access to trees restricted due to location and vegetation, limiting some detailed measurements. | None required. | RPA 3.1m from edge of canopy, except to edge of road. | N/A |
| G | 11 | Hawthorn, elder. | 3 | 0 S | Plotted using GPS | | | | 200 | | | | | | 1 | EM | G | F | 40+ | C | 2 | Small group on field boundary, good vitality. Multi-stemmed. Access restricted by low canopy, limiting detailed measurements. | None required. | RPA to edge of canopy. | N/A |

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| G | 12 | Oak | 15 | 0 W | Plotted using GPS | 800 | | | | | 1 | M | F | F | 40+ | B | 3,2 | Two oak trees. Eastern large limb failure, mature 800mm stem diameter. Western stem 630mm diameter, wound in stem at east at approx. 0.5 to 1.5m. Both on slope adjacent to woodland. | If land use intensifies within falling distance of the two trees, Re-inspect for safety/risk management purposes prior to land use intensification. | RPA 1.3m from edge of canopy. | N/A |
| G | 13 | Ash | 7 | 1 N | Plotted using GPS | 120 | | | | | 1 | SM-EM | F | F | 10+ | C | 2 | Two upright, single-stemmed ash, dieback evident but minor. Ash Dieback Disease lesions potentially on larger tree at south stem at approx. 1.7m. | If land use intensifies within falling distance of trees, Re-inspect for safety/risk management purposes within prior to land use intensification at same time as adjacent trees being assessed. | RPA to edge of canopy. | N/A |
| G | 14 | Hawthorn, ash, elder, blackthorn. | 6.5 | 0 W | Plotted using topographical plan and GPS | 400 | | | | | 1 | EM-M | G | F | 40+ | B | 2,3 | Linear boundary group. Likely outgrown former hedgerow. Medium-sized to large multi-stemmed mature hawthorn trees. Smaller multi-stemmed elder. Excellent vitality. Failed stem towards northern end into field at south where canopy juts out, live canopy over dead failed stem from adjacent tree at north. Access restricted limiting detailed measurements. Crown spread 6.3m. | Re-inspect for safety/risk management purposes within 12 months of the trees adjacent to the school grounds. | RPA to edge of canopy. | N/A |
| G | 15 | Hawthorn, elder | 6 | 0 E | Plotted using topographical plan and GPS | 350 | | | | | 1 | EM-M | F | F | 40+ | C | 2 | Field boundary group. Access restricted limiting detailed measurements. | None required. | RPA 0.8m from edge of canopy. | N/A |
| G | 16 | Hawthorn. | 5.4 | 0.3 S | Plotted using topographical plan and GPS | 240 | | | | | 1 | M | F | P | 20+ | B | 3 | Two, likely outgrown former hedgerow trees, on boundary. Both with significant lean to east. Eastern tree good vitality. Western tree taller, leaning over eastern tree, significantly decayed - cracks and splits evident on northern side, extensive dieback in crown. | If land use intensifies within falling distance of trees, Re-inspect for safety/risk management purposes prior to land use intensification | RPA to edge of canopy. | N/A |
| G | 17 | Hawthorn, elder. | 5.8 | 0.2 S | Plotted using topographical plan and GPS | 410 | | | | | 1 | SM-M | F | F | 20+ | B | 2,3 | Hawthorn with dieback and decay in stem at northeast, decay at base beginning to form cavity. Adjacent multi-stemmed small elder with good vitality. | If land use intensifies within falling distance of trees, Re-inspect for safety/risk management purposes prior to land use intensification | RPA 0.5m from edge of canopy. | N/A |

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| G | 18 | Hawthorn, elder. | 6.5 | 0 N | Plotted using topographical plan and GPS | 500 | | | | | 1 | M | F | F | 40+ | B | 2,3 | Linear boundary group. Likely outgrown former hedgerow trees. Good vitality. Multi-stemmed. Elder at western extent of group. Stem diameter estimated due to location and low canopy. | None required. | RPA 2.8m from edge of canopy. | N/A |
| G | 19 | Hawthorn, elder. | 5 | 0 SW | Plotted using topographical plan and GPS | 100 | 200 | 200 | 250 | 100 | 5 | Y-M | G | F | 40+ | B | 3;2 | Mature hawthorn with split at base and smaller young trees surrounding base. One is an elder at west. Excellent vitality. Outgrown former hedgerow tree likely. Stem diameters estimated due to low canopy and crossing fused stems. | If land use intensifies within falling distance of trees, Re-inspect for safety/risk management purposes prior to land use intensification | RPA 0.8m from edge of canopy. | N/A |
| G | 20 | Hawthorn, elder. | 4.5 | 0 S | Plotted using topographical plan and GPS | 450 | | | | | 1 | SM-M | G | F | 20+ | B | 2,3 | Likely outgrown former hedgerow tree. Excellent vitality. Split and decay in kinked main stem at base at north. Small elder within canopy at southwest. Stem diameter estimated due to low canopy and fence. | If land use intensifies within falling distance of trees, Re-inspect for safety/risk management purposes prior to land use intensification | RPA 2.6m from edge of canopy. | N/A |
| G | 21 | Elder, ash, hawthorn. | 4.1 | 0 S | Plotted using GPS and aerial photography for northern extent | 75 | | | | | 6 | EM | G | F | 40+ | C | 2 | Boundary group. Likely outgrown former hedgerow. Small multi-stemmed trees. Access restricted due to location, boundary fencing and low canopies, limiting detailed measurements. | None required. | RPA to edge of canopy. | N/A |
| G | 22 | Hawthorn, ash. | 5.2 | 0 S | Plotted using GPS and aerial photography for northern extent | 90 | | | | | 6 | SM-M | G | F | 40+ | C | 2 | Short boundary group, likely outgrown former hedgerow. Multi-stemmed small trees. Ash minimal dieback. Access restricted due to low canopies and location on boundary, limiting detailed measurements. | None required. | RPA to edge of canopy. | N/A |
| G | 23 | Hawthorn, ash. | 6.3 | 0 S | Plotted using GPS and aerial photography for northern extent | 100 | 120 | 130 | | | 3 | EM-M | G | F | 40+ | C | | Short boundary group, likely outgrown former hedgerow. Multi-stemmed trees. Ash minimal dieback. Hawthorn good vitality. Dog rose within and at south. Access restricted due to location on boundary and low canopies. | None required. | RPA to edge of canopy. | N/A |
| G | 24 | Cherry, birch, buddleia, Portuguese laurel. | 9.8 | 0 S | Plotted using GPS, topographical survey plan and aerial photography for northern and western extent | 280 | 180 | 170 | 220 | 100 | 5 | EM-M | G | F | 40+ | C | 2 | Boundary group. Multi-stemmed. One laurel - small, shrubby multi-stemmed garden tree - on third party land, behind garden fence but overhanging site, at eastern extent of group. Access restricted due to location on boundary and low canopies. 5.8m extent into site from estimated largest stem. | None required. | RPA 1.8m from edge of canopy. | N/A |
| G | 25 | Guelder rose, rowan, cypress, cotoneaster, pink hawthorn. | 3.5 | 0 S | Plotted using GPS and aerial photography for northern extent | 50 | | | | | 6 | EM-M | G | F | 40+ | C | 2 | Small garden trees and shrubs but within site, forming low group. Columnar cypress and shrubs within adjacent back garden. Access restricted due to low canopies and boundary fencing. | None required. | RPA to edge of canopy. | N/A |
| G | 26 | Willow, ash, sycamore, birch. | 12.2 | 0 S | Plotted using GPS, topographical survey plan and aerial photography for northern and eastern extent | 350 | 490 | | | | 2 | EM | G | F | 40+ | B | 2 | Boundary group. Mostly single-stemmed, medium-sized trees. Dieback evident on ash - less than 25%. Access restricted due to location on boundary, low canopies and vegetation, limiting detailed canopy measurements. 7.6m. | Re-inspect for presence of Ash Dieback Disease within 2 years. Note, inspections for Ash Dieback Disease are to be carried out during the summer months when the trees are in leaf. | RPA 1.6m from edge of canopy. | N/A |

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| G | 27 | Cypress, Japanese maple. | 2.9 | 0.5 W | Plotted using GPS and aerial photography for eastern extent | 75 | | | | | 6 | EM-M | F | F | 40+ | C | 2 | Third party garden small tree and shrubs. Access restricted by low canopy and garden boundary fencing, limiting detailed measurements. 2m canopy from stem | None required. | RPA to edge of canopy. | N/A |
| G | 28 | Honey locust, variegated holly. | 5.1 | 0 W | Plotted using GPS and aerial photography for eastern extent | 180 | | | | | 1 | EM-M | P | P | <10 | U | | Third party. Small tree with extensive dieback, small holly bush multi-stemmed. Access restricted due to location within garden, boundary wall and low holly canopy, limiting detailed measurements. | N/A, as outside site boundary. | RPA to edge of canopy. | N/A |
| G | 29 | Photinia | 1.6 | 0 W | Plotted using GPS and aerial photography for eastern extent | 80 | | | | | 1 | SM | F | F | 10+ | C | | Small unremarkable garden shrubs on neighbouring residential property. | None required. | RPA to edge of canopy. | N/A |
| G | 30 | Hawthorn | 2.8 | 0 SE | Plotted using GPS | 180 | | | | | 1 | EM-M | G | F | 40+ | C | 2 | Small multi-stemmed trees. Good vitality. Access restricted by low canopies, limiting detailed measurements. | None required. | RPA 0.2m from edge of canopy. | N/A |
| G | 31 | Hawthorn, ash, cherry. | 5.5 | 0 NW | Plotted using GPS | 100 | 120 | 130 | 90 | | 4 | EM-M | F | F | 20+ | C | 2 | Field boundary group, likely outgrown former hedgerow trees. Ash dieback less than 25%. Hawthorn and cherry healthy. Access restricted limiting detailed measurements. | If land use intensifies near the ash, inspect for Ash Dieback Disease prior to land use intensification when in leaf. | RPA to edge of canopy. | N/A |
| G | 32 | Hawthorn, ash, elder. | 7.4 | 0 SW | Plotted using GPS | 350 | 400 | | | | 2 | EM-M | F | F | 40+ | C | 2 | Linear field boundary group, likely outgrown former hedgerow trees. Ash with extensive dieback, hawthorn excellent vitality. Access restricted limiting detailed measurements. | If land use intensifies near the ash, inspect for Ash Dieback Disease prior to land use intensification when in leaf. | RPA 2.4m from edge of canopy. | N/A |
| G | 33 | Hawthorn | 5.1 | 0 SW | Plotted using GPS | 100 | | | | | 6 | EM-M | G | F | 40+ | C | 2 | Likely outgrown former hedgerow trees. Excellent vitality. Access restricted by low canopies limiting detailed measurements. | None required. | RPA to edge of canopy. | N/A |
| G | 34 | Hawthorn. | 4.2 | 0 W | Plotted using GPS | 95 | | | | | 6 | EM | G | F | 40+ | C | 2 | Likely outgrown former hedgerow trees, good vitality. Access restricted limiting detailed measurements. | None required. | RPA 0.3m from edge of canopy. | N/A |
| G | 35 | Goat willow, hawthorn. | 7 | 2.5 SW | Plotted using GPS | 190 | | | | | 1 | EM-M | G | F | 40+ | C | 2 | Likely outgrown former hedgerow trees, one larger willow and one smaller hawthorn. Access restricted limiting detailed measurements. | None required. | RPA to edge of canopy. | N/A |
| G | 36 | Sycamore, hawthorn. | 9.2 | 1.9 W | Plotted using GPS | 95 | 250 | 300 | 250 | 130 | 5 | EM-M | G | F | 40+ | C | 2 | Likely outgrown former hedgerow trees. Good vitality. Access restricted limiting detailed measurements. | None required. | RPA 2.4m from edge of canopy. | N/A |
| G | 37 | Hawthorn. | 5.3 | 0 W | Plotted using GPS | 150 | | | | | 1 | EM | G | F | 40+ | C | 2 | Three multi-stemmed trees close to garden boundaries. Good vitality. Access restricted limiting detailed measurements. | None required. | RPA to edge of canopy. | N/A |
| G | 38 | Beech, ash | 7.2 | 0 W | Plotted using GPS | 150 | 150 | | | | 2 | EM | F | F | 20+ | C | 2 | Third party garden boundary trees. Ash with dieback evident at tips of canopy, less than 25% overall. Beech healthy. Access restricted limiting detailed measurements. | Re-inspect for deterioration due to Ash Dieback Disease prior to land use intensification on site. | RPA 0.5m from edge of canopy. | N/A |

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| G | 39 | Lilac, cherry laurel | 3.9 | 1.3 W | Plotted using GPS, topographical survey plan and aerial photography for northern extent | 95 | | | | | 6 | EM-M | G | F | 20+ | C | 2 | Third party garden boundary, multi-stemmed shrubs. Access and view restricted by wooden boundary fencing, limiting detailed measurements. Overhanging site at north by 0.8m | None required. | RPA to edge of canopy. | N/A |
| G | 40 | Elder, hawthorn, elm. | 7.7 | 0 E | Plotted using GPS and topographical survey plan | 400 | | | | | 1 | EM-M | F | F | 40+ | B | 2 | Field boundary group. Mostly multi-stemmed, likely outgrown former hedgerow trees. Mostly good vitality, Minor crown dieback in places. Access restricted limiting detailed measurements. | None required. | RPA 1.8m from edge of canopy. | N/A |
| G | 41 | Hawthorn. | 5.8 | 0 E | Plotted using GPS and topographical survey plan | 95 | | | | | 6 | EM-M | G | F | 40+ | C | 2 | Short linear field boundary group, likely outgrown former hedgerow section. Good vitality. Access restricted limiting detailed measurements. | None required. | RPA to edge of canopy. | N/A |
| G | 42 | Hawthorn, oak, gorse, elder, ash. | 8 | 0 E | Plotted using GPS and topographical survey plan | 100 | | | | | 6 | EM-M | F | F | 40+ | B | 2,3 | Field boundary group. Scrub on eastern field side in several places, on western field side at south. Honeysuckle and dog rose within some canopies. Access restricted limiting detailed measurements. | None required. | RPA to edge of canopy. | N/A |
| G | 43 | Hawthorn, elder, ash. | 9 | 0 E | Plotted using GPS and topographical survey plan | 300 | | | | | 1 | EM-M | F | F | 40+ | B | 2 | Field boundary group. Access restricted limiting detailed measurements. | None required. | RPA to edge of canopy. | N/A |
| G | 44 | Sycamore, silver birch, hawthorn, ash | 13 | 0.5 SW | Plotted using GPS and topographical survey plan | 640 | | | | | 1 | EM-M | F | F | 40+ | B | 2,3 | Outgrown multi-stemmed former hedgerow mature hawthorns, with one ash and one sycamore at west, browsing damage on stems, dieback evident on ash, estimated at less than 50%, high canopy. Large oak in centre recorded as individual. Birch trees at east. Adjacent public footpath. Access restricted by low canopies, detailed measurements limited. | Re-inspect ash for deterioration due to ash dieback disease within 18 months. Note, inspections for Ash Dieback Disease are to be carried out during the summer months when the trees are in leaf. | RPA 0.8m from edge of canopy. | N/A |
| G | 45 | Cherry laurel, hawthorn. | 3.5 | 0.5 W | Plotted using aerial photography | 250 | | | | | 1 | EM | G | F | 40+ | C | 2 | Third party, garden boundary trees. Excellent vitality. Stem diameter estimated due to location on other side of fence but with canopies extending into site. | None required. | RPA to edge of canopy. | N/A |
| G | 46 | Ash, hawthorn | 9.1 | 0 S | Plotted using GPS and topographical survey plan | 250 | 300 | 350 | | | 3 | EM-M | F-G | F | 10+ | C | 2;1 | Field boundary group, roadside multi-stemmed trees. Good vitality, apart from ash with minor dieback. Stem diameters estimated due to location. | None required. | RPA 0.7m from edge of canopy. Northern extent to road edge. | N/A |
| G | 47 | Hawthorn. | 4.4 | 0.6 W | Plotted using GPS and aerial photography to east | 100 | | | | | 6 | EM | G | F | 40+ | C | 2 | Small multi-stemmed trees. Good vitality. Access restricted limiting detailed measurements. | None required. | RPA to edge of canopy. | N/A |
| G | 48 | Hawthorn, elder. | 7.2 | 1.3 | Plotted using GPS and topographical survey plan | 200 | 200 | 200 | | | 3 | EM-M | F | F | 40+ | C | 2 | Small multi-stemmed elder on boundary and third party multi-stemmed hawthorns in row running away from boundary - not overhanging site but roots likely extend into site. Access restricted limiting detailed measurements. | None required. | RPA 0.9m from edge of canopy. | N/A |
| G | 49 | Common Hawthorn | 5.1 | 0.5 W | Plotted using GPS | 200 | 150 | | | | 2 | EM | G | F | 40+ | C | 2 | Small multi-stemmed trees. Good vitality. Access restricted limiting detailed measurements. | None required. | RPA to edge of canopy. | N/A |
| G | 50 | Blackthorn. | 6.4 | 0 S | Plotted using GPS, topographical survey plan and aerial photography to north | 95 | 100 | | | | 2 | EM-M | F | F | 40+ | C | 2 | Outgrown multi-stemmed blackthorn and low clipped blackthorn in field side. Access restricted limiting detailed measurements. | None required. | RPA to edge of canopy. | N/A |
| G | 51 | Hawthorn, elder. | 4.5 | 0 S | Plotted using GPS and topographical survey plan | 70 | | | | | 10 | EM-M | G | F | 40+ | C | 2 | Third party multi-stemmed trees. Boundary group. Dog rose coming through canopies in places. Access restricted limiting detailed measurements. | None required. | RPA 0.2m from edge of canopy. | N/A |
| G | 52 | Hawthorn | 3.7 | 0 S | Plotted using GPS and topographical survey plan | 80 | | | | | 6 | EM | G | F | 40+ | C | 2 | Boundary group. Good vitality. Access restricted limiting detailed measurements. | None required. | RPA to edge of canopy. | N/A |

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| G | 53 | Hawthorn, elder. | 7.6 | 0.5 S | Plotted using GPS and topographical survey plan | 350 | | | | | | 1 | EM-M | F | F | 40+ | B | 2 | Third party, mostly multi-stemmed trees. Field boundary group. Ivy obscuring stems, access restricted limiting detailed measurements. | None required. | RPA 0.7m from edge of canopy. | N/A |
| G | 54 | Blackthorn. | 3.7 | 0 SE | Plotted using GPS, topographical survey plan and aerial photography to north | 150 | 120 | | | | | 2 | M | F | F | 40+ | C | 2 | Outgrown blackthorn hedge. Access restricted limiting detailed measurements. | None required. | RPA to edge of canopy. | N/A |
| G | 55 | Hazel, hawthorn, blackthorn. | 5.1 | 0 S | Plotted using GPS, topographical survey plan and aerial photography to north | 75 | | | | | | 6 | EM-M | G-D | G-D | 40+ | C | 2 | Boundary group. Varied condition from good to dead. Access restricted limiting detailed measurements. | If land use intensifies near the dead trees and these are within the site boundary, fell prior to land use intensification. | RPA to edge of canopy. | N/A |
| G | 56 | Elder, hawthorn. | 3.7 | 1.9 | Plotted using GPS and aerial photography | 230 | 250 | | | | | 2 | EM-M | F | F | 40+ | C | 2 | Third party group of two multi-stemmed trees. Elder closest to site, overhanging site by approx. 3m. Dieback evident on elder, minor dieback on hawthorn. Access restricted limiting detailed measurements. | None required. | RPA to edge of canopy. | N/A |
| G | 57 | Hawthorn, elder. | 7.7 | 0.2 SE | Plotted using GPS and aerial photography | 250 | 250 | | | | | 2 | EM-M | G | F | 40+ | B | 1,2 | Third party trees. Good vitality. Access restricted limiting detailed measurements. | None required. | RPA to edge of canopy. | N/A |
| G | 58 | Goat willow, cypress. | 8 | 1.6 | Plotted using GPS and aerial photography | 300 | | | | | | 1 | EM | G | G | 40+ | B | 2 | Third party garden trees. Good vitality. Access restricted limiting detailed measurements. | None required. | RPA to edge of canopy. | N/A |
| G | 59 | Dogwood | 3.6 | 1 S | Plotted using GPS and aerial photography | 60 | | | | | | 10 | EM | F | F | 40+ | C | 2 | Third party large shrubs along boundary. Access restricted limiting detailed measurements. | None required. | RPA to edge of canopy. | N/A |
| G | 60 | Blackthorn. | 4.2 | 0 E | Plotted using GPS and aerial photography | 95 | | | | | | 6 | M | G | F | 40+ | C | 2 | Outgrown blackthorn boundary group. Good vitality. Access restricted limiting detailed measurements. | None required. | RPA to edge of canopy. | N/A |
| G | 61 | Willow, pear, snowberry. | 8.8 | 0.7 E | Plotted using GPS and aerial photography | 200 | 250 | 250 | 250 | | | 4 | EM | F-G | F | 40+ | C | 2 | Third party garden boundary trees. One small tree in decline otherwise good vitality. Access restricted limiting detailed measurements. Canopy overhanging site by c. 3.1m | None required. | RPA 0.7m from edge of canopy. | N/A |
| G | 62 | Pine, sycamore. | 5.7 | 1.7 N | Plotted using GPS and aerial photography | 500 | | | | | | 1 | EM-M | G | F | 40+ | B | 2 | Third party trees. Good vitality. Access restricted limiting detailed measurements. | None required. | RPA 2.2m from edge of canopy. | N/A |
| G | 63 | Purple maple, horse chestnut. | 5.3 | 1.3 E | Plotted using GPS and aerial photography | 150 | | | | | | 1 | EM | G | F | 40+ | C | 2 | Third party garden trees. Access restricted limiting detailed measurements. | None required. | RPA to edge of canopy. | N/A |
| G | 64 | Crack willow | 9.2 | 0 E | Plotted using GPS and aerial photography | 100 | | | | | | 10 | EM | G | F | 40+ | C | 2 | Multi-stemmed boundary trees. Good vitality and vigour. Access restricted limiting detailed measurements. | None required. | RPA to edge of canopy. | N/A |

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| G | 65 | Hawthorn, ash, apple, elder, beech. | 6 | 0 NE | Plotted using GPS and aerial photography | 250 | 200 | | | | | 2 | EM-M | P-G | F | 40+ | B | 2 | Field boundary group. Dieback on beech specimens and ash tree at eastern extent - less than 25% dieback, though. Hawthorn good vitality. Screening and habitat connectivity value. Access restricted limiting detailed measurements. | If within the site boundary, re-inspect for safety/risk management purposes within 2 years when trees are in full leaf. | RPA to edge of canopy. | N/A |
| G | 66 | Sycamore, ash, hawthorn, rowan. | 10.8 | 0.4 E | Plotted using GPS and aerial photography | 500 | | | | | | 1 | EM | F | F | 40+ | B | 2 | Boundary group. Good vitality except ash with dieback - less than 25%. Access restricted by boundary fencing in places and dense vegetation, limiting detailed measurements. Viewed from accessible parts of site. | If within the site boundary, re-inspect ash trees for deterioration due to Ash Dieback Disease within 2 years. Note, inspections for Ash Dieback Disease should be carried out during the summer months when the trees are in leaf. | RPA 2.5m from edge of canopy. | N/A |
| G | 67 | Pine, sycamore, hawthorn, birch, ash, rowan. | 10.1 | 0 E | Plotted using GPS and aerial photography | 350 | 250 | 250 | | | | 3 | EM-M | G | F | 40+ | B | 2 | Boundary group. Good vitality, even ash. Access restricted limiting detailed measurements. | None required. | RPA 0.3m from edge of canopy. | N/A |
| G | 68 | Hawthorn, ash. | 4 | 0 E | Plotted using GPS and aerial photography | 75 | | | | | | 6 | EM | G | F | 40+ | C | 2 | Small multi-stemmed trees. Good vitality, even ash. Access restricted limiting detailed measurements. | None required. | RPA to edge of canopy. | N/A |
| G | 69 | Sycamore, hawthorn, elder, cherry laurel, ash. | 10.1 | 0 E | Plotted using GPS and aerial photography | 500 | | | | | | 1 | EM-M | G | F | 40+ | B | 2 | Boundary group. Good vitality. Access restricted limiting detailed measurements. | None required. | RPA to edge of canopy. | N/A |
| G | 70 | Hawthorn. | 3.9 | 0 S | Plotted using GPS and aerial photography | 70 | | | | | | 6 | EM | G | F | 40+ | C | 2 | Field boundary trees, grown out due to location adjacent telephone poles. Access restricted limiting detailed measurements. | None required. | RPA 0.3m from edge of canopy. | N/A |
| G | 71 | Hawthorn. | 3.1 | 0 E | Plotted using GPS and aerial photography | 90 | 80 | 75 | 80 | 90 | | 5 | EM | G | F | 40+ | C | 2 | Multi-stemmed hawthorn, outgrown adjacent pole. Access restricted limiting detailed measurements. | None required. | RPA 0.7m from edge of canopy. | N/A |
| G | 72 | Sycamore, blackthorn, hawthorn, field maple, elder, ash. | 6.2 | 0 E | Plotted using GPS and topographical survey plan | 350 | | | | | | 1 | EM-M | F-G | F | 40+ | B | 2 | Boundary trees around bus turning area. Good vitality, even ash with only minor dieback. Access restricted limiting detailed measurements. | Monitor ash trees for Ash Dieback Disease and re-inspect within 2 years when the ash trees are in leaf. | RPA 0.4m from edge of canopy. | N/A |
| G | 73 | Ash, sycamore, field maple, elder, hawthorn, hazel. | 11.2 | 0 E | Plotted using GPS and topographical survey plan | 500 | | | | | | 1 | EM-M | G | F | 40+ | B | 2 | Boundary group along field side and highway. Good vitality, even ash with only minor dieback. Access restricted limiting detailed measurements. | Monitor ash trees for Ash Dieback Disease and re-inspect within 2 years when the ash trees are in leaf. | RPA 2m from edge of canopy. | N/A |

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| G | 74 | Oak, ash. | 6.2 | 0.3 E | Plotted using GPS | 160 | | | | | 1 | SM | G | G | 40+ | C | 2 | Field boundary group. Two small trees, ash smallest at east - minor dieback. 2.7m canopy extends from largest stem. | None required. | RPA to edge of canopy. | N/A |
| G | 75 | Hawthorn. | 4.7 | 0 W | Plotted using GPS | 120 | | | | | 6 | EM | G | F | 40+ | B | 2 | Likely outgrown former hedgerow. Access restricted limiting detailed measurements. | None required. | RPA to edge of canopy. | N/A |
| G | 76 | Ash, goat willow, sycamore, hawthorn. | 7.8 | 0 E | Plotted using GPS, topographical survey plan and aerial photography to north | 300 | 350 | 350 | | | 3 | EM | F | F | 40+ | B | 2 | Boundary screening group. Good vitality except for Ash trees which have signs of dieback but less than 25% on any individual tree. Access restricted limiting detailed measurements. | Monitor ash trees for Ash Dieback Disease and re-inspect within 2 years when the ash trees are in leaf. | RPA to edge of canopy. | N/A |
| G | 77 | Oak, ash, cherry. | 6.5 | 0 N | Plotted using GPS, topographical survey plan and aerial photography | 500 | 200 | 150 | 200 | | 4 | EM | G | F | 40+ | B | 2 | Field boundary group, edge of motorway. One medium sized oak, ash at west by road - only minor dieback visible except for one small standing dead tree at southwest. Access restricted limiting detailed measurements. | Monitor ash trees for Ash Dieback Disease and re-inspect within 2 years when the ash trees are in leaf. | RPA to edge of canopy. | N/A |
| G | 78 | Ash, oak. | 8 | 0.2 W | Plotted using GPS and topographical survey plan | 450 | 350 | 150 | 110 | | 4 | EM-M | G | F | 40+ | B | 2 | Multi-stemmed likely outgrown former hedgerow trees, oak and ash. Ash with dieback evident, less than 25%, overall canopy foliage in good health. Access restricted limiting detailed measurements. | Monitor ash trees for Ash Dieback Disease and re-inspect within 2 years when the ash trees are in leaf, if land use intensifies near the ash. | RPA 1.1m from edge of canopy. | N/A |
| G | 79 | Oak, hawthorn. | 4.8 | 0 W | Plotted using GPS, topographical survey plan and aerial photography | 230 | | | | | 1 | SM-EM | G | F | 40+ | C | 2 | Field boundary group between site and motorway. Good vitality. Access restricted limiting detailed measurements. | None required. | RPA to edge of canopy. | N/A |
| G | 80 | Ash, hawthorn. | 10.4 | 0 W | Plotted using GPS, topographical survey plan and aerial photography | 400 | | | | | 1 | EM | G | F | 40+ | B | 2 | Field boundary group, likely outgrown former hedgerow. Ash good condition, some dieback on some hawthorns - two standing dead trees noted, one partially failed leaning on adjacent stems. Access restricted limiting detailed measurements. | Prior to land use intensification near the trees, remove partially failed leaning tree. | RPA 1.3m from edge of canopy. | N/A |
| G | 81 | Hawthorn. | 3.9 | 0.8 SW | Plotted using GPS and topographical survey plan | 200 | | | | | 1 | M | P | P | <10 | U | | Extensively dieback of trees within hedge line. Access restricted limiting detailed measurements. | Prior to land use intensification near the trees, remove. | RPA to edge of canopy. | N/A |
| G | 82 | Hawthorn. | 6.6 | 0 W | Plotted using GPS, topographical survey plan and aerial photography | 200 | | | | | 1 | EM-M | F | F | 20+ | C | 2 | Field boundary group- outgrown hedgerow section. Dieback on several hawthorn. Access restricted limiting detailed measurements. | None required. | RPA 0.4m from edge of canopy. | N/A |
| G | 83 | Hawthorn. | 4.5 | 0.3 NW | Plotted using topographical survey plan | 180 | 180 | | | | 2 | EM | G | F | 40+ | C | 2 | Third party boundary group. Good vitality. Access restricted limiting detailed measurements. | None required. | RPA 1m from edge of canopy. | N/A |
| G | 84 | Hawthorn, ash, elder. | 6.5 | 0 S | Plotted using GPS, topographical survey plan and aerial photography | 390 | | | | | 1 | EM-M | G | F | 40+ | B | 2 | Field boundary group - outgrown hedgerow section. Ash very minor dieback visible. Access restricted limiting detailed measurements. | None required. | RPA 2.2m from edge of canopy. | N/A |

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| G | 85 | Ash, hawthorn. | 11.4 | 0 N | Plotted using topographical survey plan | 250 | 300 | 250 | | | | | | 3 | EM | F | F | 20+ | C | 2 | Boundary group. Ash with minor dieback, medium-sized tree. Access restricted limiting detailed measurements. | Prior to land use intensification near the trees, re-inspect ash for progression of Ash Dieback Disease. | RPA to edge of canopy. | N/A |
| G | 86 | Hawthorn. | 6 | 0.3 N | Plotted using GPS, topographical survey plan and aerial photography | 250 | | | | | | | | 1 | M | G | F | 40+ | C | 2 | Third party trees on boundary.. Access restricted limiting detailed measurements. | None required. | RPA to edge of canopy. | N/A |
| G | 87 | Hawthorn. | 5 | 0.6 N | Plotted using GPS and aerial photography | 110 | | | | | | | | 6 | M | G | F | 40+ | C | 2 | Third party trees on boundary.. Access restricted limiting detailed measurements. | None required. | RPA to edge of canopy. | N/A |
| G | 88 | Hawthorn. | 5.6 | 0.3 N | Plotted using GPS, topographical survey plan and aerial photography | 120 | 150 | 200 | | | | | | 3 | M | G | F | 40+ | C | 2 | Third party trees on boundary.. Access restricted limiting detailed measurements. | None required. | RPA 0.1m from edge of canopy. | N/A |
| G | 89 | Hawthorn. | 4.9 | 0.2 N | Plotted using GPS, topographical survey plan and aerial photography | 120 | 150 | | | | | | | 2 | M | G | F | 40+ | C | 2 | Boundary group. Good vitality. Access restricted limiting detailed measurements. | None required. | RPA to edge of canopy. | N/A |
| G | 90 | Hawthorn, whitebeam. | 5.7 | 0.1 N | Plotted using GPS, topographical survey plan and aerial photography | 100 | 120 | 120 | | | | | | 3 | EM-M | G | F | 40+ | C | 2 | Third party. Boundary group. Access restricted limiting detailed measurements. | None required. | RPA to edge of canopy. | N/A |
| G | 91 | Hawthorn. | 4 | 0.6 S | Plotted using GPS, topographical survey plan and aerial photography | 300 | | | | | | | | 1 | M | G | F | 40+ | C | 2 | Outgrown former hedgerow, small trees developing. Good vitality with some dieback and dead and failed stems in places. Browsing and horse rubbing damage. Clear stems to approx. 1.5m along length of group/outgrown hedge. Access restricted limiting detailed measurements. | Advise fencing to prevent further damage from grazing animals. | RPA 1.4m from edge of canopy. | N/A |
| G | 92 | Cherry, hawthorn, ash. | 4.3 | 1.5 N | Plotted using GPS and aerial photography | 120 | 120 | | | | | | | 2 | SM-EM | G | F | 40+ | C | 2 | Mostly third party group, one cherry within site, one larger cherry just overhanging site. Ash with minor dieback. Access restricted limiting detailed measurements. | None required. | RPA to edge of canopy. | N/A |
| G | 93 | Ash, hawthorn, elder. | 11 | 0 S | Plotted using GPS, topographical survey plan and aerial photography | 350 | | | | | | | | 1 | SM-EM | F | F | 10+ | C | 2 | Linear boundary group. Ash with dieback - less than 25%. Access restricted limiting detailed measurements. | Re-inspect for safety/risk management purposes, including assessing for Ash Dieback Disease within two year when the trees are in full leaf due to proximity to neighbouring properties. | RPA 0.9m from edge of canopy. | N/A |
| G | 94 | Hawthorn, elder. | 5.5 | 0 S | Plotted using GPS and aerial photography | 350 | | | | | | | | 1 | EM-M | F-G | F | 40+ | C | 2 | Boundary group adjacent to car park. Elder with dieback. Access restricted limiting detailed measurements. | None required. | RPA 1.2m from edge of canopy. | N/A |
| G | 95 | Cypress | 2.5 | 0 S | Plotted using GPS and aerial photography | 200 | | | | | | | | 1 | EM | G | F | 40+ | C | 2 | Small garden trees, eastern larger tree almost completely covered in climbing plant Access restricted limiting detailed measurements. | None required. | RPA 1.1m from edge of canopy. | N/A |
| G | 96 | Leyland cypress, Elder, Hawthorn, Ash, Goat willow, Sycamore | 9.3 | 0 | Plotted using GPS, topographical survey plan and aerial photography | 230 | | | | | | | | 1 | SM-EM | G-D | F | 40+ | C | 2 | Mixed species group of trees at site boundary adjacent to fence. Gate in centre of group. Dead tree within group as shown on TPP. Good vitality throughout remaining group. RPA 0.6m from canopy edge. | If within the site boundary and if land use intensifies near to the trees, fell dead trees prior to land use intensification. | RPA 0.6m from edge of canopy. | N/A |

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| G | 97 | Common oak | 3.6 | 1.7 W | Plotted using GPS, topographical survey plan and aerial photography | 100 | 120 | 90 | | | 3 | SM | F | F | 20+ | C | 2 | Group of small trees located at site boundary. Poor form due to topping and pruning. RPA to canopy edge. | If to be retained, undertake formative pruning to encourage improved form within the next 3 years. | RPA to edge of canopy. | N/A |
| G | 98 | Holly, Ash, Sycamore, Field maple | 4.6 | 0 | Plotted using GPS and aerial photography | 120 | | | | | 1 | Y-EM | G | G | 40+ | C | 2 | Small, dense group of unremarkable trees. Self seeded saplings at group edge. RPA to canopy edge. | None required. | RPA to edge of canopy. | N/A |
| G | 99 | Wild cherry, Ash | 12.1 | 2.1 N | Plotted using GPS and aerial photography | 230 | | | | | 1 | EM | G | G | 40+ | B | 2 | Group of trees with good vitality located on motorway embankment adjacent to site boundary. Trees provide good screening function. No significant structural defects observed. RPA to canopy edge. | None required. | RPA to edge of canopy. | N/A |
| G | 100 | Hawthorn, Field maple, Whitebeam, Common lime, Oak, Cherry plum, Guelder rose, Beech | 6.4 | 0 | Plotted using GPS and aerial photography | 250 | | | | | 1 | SM-EM | G | G | 40+ | B | 2 | Group of trees with good form and vitality located on motorway embankment adjacent to site boundary. Trees provide good screening function. RPA to canopy edge. | None required. | RPA to edge of canopy. | N/A |
| G | 101 | Field maple, Common lime, Hawthorn | 6.9 | 2.8 N | Plotted using GPS and aerial photography | 260 | | | | | 1 | EM | G | F | 40+ | B | 2 | Group of trees with good vitality on motorway embankment. Previously pruned to north for clearance from newly installed fence.,RPA 1.3m from canopy edge. | None required. | RPA 1.3m from edge of canopy. | N/A |
| G | 102 | Ash, Sycamore, Silver birch, Hawthorn, Goat willow | 15.2 | 2 W | Plotted using GPS, topographical survey plan and aerial photography | 770 | | | | | 1 | EM-M | G | G | 40+ | A | 1,2 | Group of trees adjacent to stream. Good vitality throughout group despite browsing of lower crowns. No significant structural defects observed. Hawthorn runs length of group as remnant hedgerow. RPA 1.6m from canopy edge. | None required. | RPA 1.6m from edge of canopy. | N/A |
| H | 1 | Hawthorn. | 2 | N/A | Plotted using GPS and topographical survey plan | 100 | | | | | 1 | M | G | F | 40+ | N/A | | Well managed field boundary hedge. Two gaps near southern extent. Dead stems at north of northern gap, otherwise good vitality. Access restricted by low canopy, detailed measurements limited. | If retained, remove dead stems and plant up gaps with native local provenance hedging species. | RPA to edge of hedge. | N/A |
| H | 2 | Hawthorn | 4.5 | N/A | Plotted using GPS and topographical survey plan | 300 | | | | | 1 | M | G | F | 40+ | N/A | | Tall, managed, field boundary hedge. Good vitality. Access restricted due to location, traffic and low canopies. | None required. | RPA 2m from edge of hedge, except to edge of road. | N/A |
| H | 3 | Hawthorn | 5 | N/A | Plotted using GPS and topographical survey plan | 350 | | | | | 1 | M | G | F | 40+ | N/A | | Tall, managed, field boundary hedge. Good vitality. Access restricted due to location, traffic and low canopies, limiting detailed measurements. | None required. | RPA 2.1m from edge of hedge, except to edge of road. | N/A |
| H | 4 | Hawthorn. | 4 | N/A | Plotted using GPS and topographical survey plan | 300 | | | | | 1 | M | F | F | 40+ | N/A | | Outgrown in places hedgerow. Access restricted due to location and low canopies, limiting detailed measurements. | | RPA 2m from edge of hedge. | N/A |
| H | 5 | Cypress, euonymus, garden privet, box, smoke bush. | 2.6 | N/A | Plotted using GPS and aerial photography | 95 | | | | | 1 | EM | G | F | 40+ | N/A | | Third party garden boundary hedge. Coming through fencing into site in places, up to approx. 30cm max, except dog rose stems to approx. 60cm. Access and view restricted by boundary wooden fencing, limiting detailed measurements. | None required. | RPA to edge of hedge. | N/A |

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| H | 6 | Lawson cypress | 2 | | Plotted using GPS and aerial photography | 60 | | | | | | | | 6 | M | G | F | 40+ | N/A | Garden boundary hedge, clipped, except where protruding into site which is not recently cut. Access restricted, limiting detailed measurements. | None required. | RPA to edge of hedge. | N/A |
| H | 7 | Hawthorn | 1.8 | N/A | Plotted using GPS and topographical survey plan | 80 | | | | | | | | 1 | EM | G | F | 40+ | N/A | Outgrown informal garden boundary hedge. Brambles and small elder within. Access restricted limiting detailed measurements. | None required. | RPA to edge of hedge. | N/A |
| H | 8 | Hawthorn | 2 | N/A | Plotted using GPS and topographical survey plan | 70 | | | | | | | | 2 | M | G | F | 40+ | N/A | Garden boundary hedge, not recently cut. Varying height. Access restricted limiting detailed measurements. | None required. | RPA to edge of hedge. | N/A |
| H | 9 | Hawthorn, elder, | 1.9 | 0.5 | Plotted using GPS and topographical survey plan | 250 | | | | | | | | 1 | M | F | F | 40+ | N/A | Managed field boundary hedge. Canopy not to ground, stems visible to approx. 0.5 to 1m. Some sections with dieback. Access restricted, limiting measurements. | None required. | RPA 2m from edge of hedge. | N/A |
| H | 10 | Beech | 2 | N/A | Plotted using GPS and topographical survey plan | 75 | | | | | | | | 1 | M | G | G | 40+ | N/A | Garden boundary hedge. Good vitality. Managed previously but not recently cut. Small self set single cherry adjacent hedge on site side. Access and view of stems restricted limiting detailed measurements. | None required. | RPA to edge of hedge. | N/A |
| H | 11 | Hawthorn, elder, sycamore. | 1 | N/A | Plotted using GPS and topographical survey plan | 100 | | | | | | | | 1 | M | G | G | 40+ | N/A | Field boundary and roadside, well managed, low hedge. Excellent vitality. Access restricted by low canopy, detailed measurements limited. | None required. | RPA 0.2m from edge of hedge. | N/A |
| H | 12 | Lawson cypress, Leyland cypress, elder | 2.5 | N/A | Plotted using GPS and topographical survey plan | 20 | | | | | | | | 6 | EM-M | G | F | 40+ | N/A | Garden boundary hedge sections. Northern cypress section with elder in places. Managed, recently cut. Access restricted limiting detailed measurements. | None required. | RPA to edge of hedge. | N/A |
| H | 13 | Hawthorn, dog rose. | 3 | N/A | Plotted using GPS and topographical survey plan | 200 | | | | | | | | 1 | M | F | F | 40+ | N/A | Field boundary hedgerow, becoming outgrown. Access restricted by low canopy, detailed measurements limited. | None required. | RPA 0.4m from edge of hedge. | N/A |
| H | 14 | Hawthorn | 4 | N/A | Plotted using GPS and topographical survey plan | 75 | | | | | | | | 1 | EM | G | F | 40+ | N/A | Garden boundary hedge. Varying height. Good vitality. Not recently cut. Access restricted limiting detailed measurements. | None required. | RPA to edge of hedge. | N/A |
| H | 15 | Hawthorn, elder. | 3.2 | N/A | Plotted using GPS and topographical survey plan | 200 | | | | | | | | 1 | M | G | F | 40+ | N/A | Field boundary hedgerow. Becoming outgrown. Access restricted limiting detailed measurements. | None required. | RPA 0.9m from edge of hedge. | N/A |
| H | 16 | Cherry laurel, dog rose. | 3.5 | N/A | Plotted using GPS and topographical survey plan | 60 | | | | | | | | 1 | M | G | F | 40+ | N/A | Garden boundary hedge. Managed by flailing on field (site side). Access restricted limiting detailed measurements. | None required. | RPA to edge of hedge. | N/A |
| H | 17 | Hawthorn. | 2 | N/A | Plotted to topographical survey plan | 200 | | | | | | | | 1 | M | F | F | 40+ | N/A | Field boundary hedgerow. Becoming outgrown. Access restricted limiting detailed measurements. | None required. | RPA 0.9m from edge of hedge. | N/A |
| H | 18 | Cypress | 4.2 | N/A | Plotted using GPS and topographical survey plan | 85 | | | | | | | | 1 | M | G | F | 40+ | N/A | Garden boundary hedge. Managed but not recently cut. Access restricted limiting detailed measurements. | None required. | RPA 0.3m from edge of hedge. | N/A |
| H | 19 | Cypress | 2.3 | N/A | Plotted using GPS and topographical survey plan | 100 | | | | | | | | 1 | M | G | G | 40+ | N/A | Garden boundary hedge, not recently cut on site side. Access restricted limiting detailed measurements. | None required. | RPA 0.3m from edge of hedge. | N/A |
| H | 20 | Cherry laurel | 2 | N/A | Plotted using GPS and topographical survey plan | 50 | | | | | | | | 6 | M | G | F | 40+ | N/A | Third party, garden boundary hedge. Good vitality. Access restricted due to location along boundary, boundary fence and low canopies, limiting detailed measurements. | None required. | RPA to edge of hedge. | N/A |

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| H | 21 | Leyland cypress. | 2.1 | N/A | Plotted using topographical survey plan and aerial photography | 90 | | | | | | 1 | M | G | F | 40+ | N/A | Field boundary hedgerow. Managed but not recently cut. Access restricted due to location on boundary and low canopies, limiting detailed measurements. | None required. | RPA to edge of hedge. | N/A |
| H | 22 | Leyland cypress. | 2.2 | N/A | Plotted using topographical survey plan and aerial photography | 90 | | | | | | 1 | EM | G | G | 40+ | N/A | Short section of field boundary hedge. Managed but not recently cut. Access restricted due to location on boundary and low canopy. | None required. | RPA to edge of hedge. | N/A |
| H | 23 | Hawthorn, privet, dog rose, ash. | 4 | N/A | Plotted using topographical survey plan and aerial photography | 100 | | | | | | 1 | EM-M | G | F | 40+ | N/A | Short section of boundary hedgerow. Access restricted by low canopies and location on boundary, limiting detailed measurements. | None required. | RPA to edge of hedge. | N/A |
| H | 24 | Hawthorn, elder. | 1.7 | N/A | Plotted using GPS and topographical survey plan | 75 | | | | | | 1 | M | G | F | 40+ | N/A | Two sections of managed field boundary hedge on north of roadside. Access restricted due to low canopies preventing taking of some detailed measurements. | None required. | RPA to edge of hedge. | N/A |
| H | 25 | Oak, hawthorn, ash, wild privet, sycamore. | 2 | N/A | Plotted using GPS and topographical survey plan | 95 | | | | | | 1 | EM-M | G | F | 40+ | N/A | Managed field boundary hedge. Good vitality. Access restricted by low canopy, detailed measurements limited. | None required. | RPA to edge of hedge. | N/A |
| H | 26 | Holly, hazel. | 1.6 | N/A | Plotted to topographical survey plan | 100 | | | | | | 1 | M | G | G | 40+ | N/A | Well managed garden boundary hedge. Excellent vitality. Ivy encroaching. Access to stems restricted by low canopy, detailed measurements limited. | None required. | RPA to edge of hedge. | N/A |
| H | 27 | Oak, hawthorn. | 1.8 | N/A | Plotted using GPS | 75 | | | | | | 1 | SM-M | G | G | 40+ | N/A | Recently planted and established older hedgerow short section. Good vitality. Access restricted by hay bales at north, oak stem at west and low canopies, detailed measurements limited. | None required. | RPA to edge of hedge. | N/A |
| H | 28 | Hawthorn, elder, oak. | 1.7 | N/A | Plotted using GPS and topographical survey plan | 100 | | | | | | 1 | M | G | G | 40+ | N/A | Well managed field boundary hedge. Excellent vitality. Access restricted due to low canopy, detailed measurements limited. | None required. | RPA to edge of hedge. | N/A |
| H | 29 | Hawthorn, dog rose, oak. | 2.5 | N/A | Plotted using GPS and topographical survey plan | 150 | | | | | | 1 | M | G | F | 40+ | N/A | Roadside, field boundary hedgerow. Access restricted due to low canopy, detailed measurements limited. | None required. | RPA 0.5m from edge of hedge. | N/A |
| H | 30 | Blackthorn. | 1.9 | N/A | Plotted using GPS and topographical survey plan | 75 | | | | | | 1 | M | G | F | 40+ | N/A | Boundary blackthorn hedgerow remnants. Access restricted limiting detailed measurements. | None required. | RPA 0.4m from edge of hedge. | N/A |
| H | 31 | Hawthorn, dog rose. | 1.9 | N/A | Plotted to topographical survey plan | 110 | | | | | | 1 | M | G | F | 40+ | N/A | Field boundary hedgerow. Good vitality. Regularly managed. Access restricted limiting detailed measurements. | None required. | RPA 0.3m from edge of hedge. | N/A |
| H | 32 | Beech. | 2 | N/A | Plotted using GPS and aerial photography | 100 | | | | | | 1 | EM | G | G | 40+ | N/A | Third party garden boundary hedge. Access restricted limiting detailed measurements. | None required. | RPA 0.8m from edge of hedge. | N/A |
| H | 33 | Hawthorn. | 1.9 | N/A | Plotted using GPS and topographical survey plan | 90 | | | | | | 1 | EM | G | F | 40+ | N/A | Boundary hedge. Regularly managed. Access to garden side not possible, low canopy limiting detailed measurements. | None required. | RPA 0.6m from edge of hedge. | N/A |
| H | 34 | Cypress | 2 | N/A | Plotted using topographical survey plan and aerial photography | 90 | | | | | | 1 | M | G | G | 40+ | N/A | Garden boundary hedge. Excellent vitality. Regularly managed. Access restricted limiting detailed measurements. | None required. | RPA 0.4m from edge of hedge. | N/A |
| H | 35 | Cherry laurel | 1.9 | N/A | Plotted using GPS and aerial photography | 75 | | | | | | 1 | EM | G | G | 40+ | N/A | Third party boundary hedge. Excellent vitality. Access restricted limiting detailed measurements. | None required. | RPA 0.2m from edge of hedge. | N/A |
| H | 36 | Hawthorn, cotoneaster. | 2 | N/A | Plotted using GPS and aerial photography | 120 | | | | | | 1 | M | G | F | 40+ | N/A | Garden boundary hedge. Good vitality. Access restricted limiting detailed measurements. | None required. | RPA 0.6m from edge of hedge. | N/A |

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| H | 37 | Cotoneaster, garden privet, ash. | 2.8 | N/A | Plotted using GPS and aerial photography | 75 | | | | | 1 | M | G | F | 40+ | N/A | Boundary hedge. Access restricted limiting detailed measurements. | None required. | RPA 0.1m from edge of hedge. | N/A |
| H | 38 | Cypress | 2.7 | N/A | Plotted using topographical survey plan, GPS and aerial photography | 110 | | | | | 1 | M | G | G | 40+ | N/A | Boundary hedge. Good vitality. Access restricted limiting detailed measurements. | None required. | RPA to edge of hedge. | N/A |
| H | 39 | Hawthorn. | 2.5 | N/A | Plotted using GPS and aerial photography | 95 | | | | | 1 | M | G | G | 40+ | N/A | Boundary hedge. Good vitality. Access restricted limiting detailed measurements. | None required. | RPA 0.1m from edge of hedge. | N/A |
| H | 40 | Berberis | 1.8 | N/A | Plotted using GPS and aerial photography | 75 | | | | | 1 | M | F | F | 40+ | N/A | Third party, clipped garden boundary hedge. Access restricted limiting detailed measurements. | None required. | RPA 0.5m from edge of hedge. | N/A |
| H | 41 | Cypress, privet, pyracantha. | 3.6 | N/A | Plotted using GPS and aerial photography | 95 | | | | | 1 | M | G | F | 40+ | N/A | Garden boundary hedge. Good vitality. Access restricted limiting detailed measurements. | None required. | RPA 0.3m from edge of hedge. | N/A |
| H | 42 | Cypress. | 2.1 | N/A | Plotted using GPS and aerial photography | 100 | | | | | 1 | M | G | G | 40+ | N/A | Boundary hedge. Good vitality. Access restricted limiting detailed measurements. | None required. | RPA 0.7m from edge of hedge. | N/A |
| H | 43 | Garden privet, lilac. | 2.4 | N/A | Plotted using GPS and topographical survey plan | 100 | | | | | 1 | EM | G | F | 40+ | N/A | Garden boundary hedge. Access restricted limiting detailed measurements. | None required. | RPA 0.2m from edge of hedge. | N/A |
| H | 44 | Hawthorn, cherry laurel. | 3 | N/A | Plotted using topographical survey plan, GPS and aerial photography | 150 | | | | | 1 | M | G | F | 40+ | N/A | Garden boundary hedge. Access restricted limiting detailed measurements. | None required. | RPA 0.7m from edge of hedge. | N/A |
| H | 45 | Cypress, pyracantha. | 3.8 | N/A | Plotted using GPS and aerial photography | 100 | | | | | 1 | M | G | F | 40+ | N/A | Garden boundary hedge. Access restricted limiting detailed measurements. | None required. | RPA 0.6m from edge of hedge. | N/A |
| H | 46 | Cherry laurel, hawthorn. | 2.3 | N/A | Plotted using GPS and aerial photography | 90 | | | | | 1 | EM-M | G | F | 40+ | N/A | Third party garden boundary hedge. Access restricted limiting detailed measurements. | None required. | RPA 0.6m from edge of hedge. | N/A |
| H | 47 | Cherry laurel. | 1.6 | N/A | Plotted using GPS and aerial photography | 95 | | | | | 1 | M | G | F | 40+ | N/A | Third party garden boundary hedge. Access restricted limiting detailed measurements. | None required. | RPA 0.3m from edge of hedge. | N/A |
| H | 48 | Cypress. | 1.9 | N/A | Plotted using GPS and aerial photography | 100 | | | | | 1 | M | G | F | 40+ | N/A | Third party garden boundary hedge. Access restricted limiting detailed measurements. | None required. | RPA 0.4m from edge of hedge. | N/A |
| H | 49 | Cypress. | 1.6 | N/A | Plotted using topographical survey plan, GPS and aerial photography | 100 | | | | | 1 | M | G | G | 40+ | N/A | Third party garden boundary hedge. Access restricted limiting detailed measurements. | None required. | RPA 0.4m from edge of hedge. | N/A |
| H | 50 | Beech | 1.6 | N/A | Plotted using topographical survey plan and GPS | 120 | | | | | 1 | M | G | F | 40+ | N/A | Broad boundary beech hedge. Access restricted limiting detailed measurements. | None required. | RPA 0.1m from edge of hedge. | N/A |
| H | 51 | Hawthorn., elder. | 1.9 | N/A | Plotted using topographical survey plan and GPS | 80 | | | | | 1 | M | G | F | 40+ | N/A | Field boundary hedgerow. Brambles extensive throughout. Access restricted limiting detailed measurements. | None required. | RPA to edge of hedge. | N/A |
| H | 52 | Hawthorn. | 2.5 | N/A | Plotted using GPS | 120 | | | | | 1 | M | G | F | 40+ | N/A | Field boundary hedgerow within group, merging into group at south. Access restricted limiting detailed measurements. | None required. | RPA 0.3m from edge of hedge. | N/A |
| H | 53 | Hawthorn. | 1.7 | N/A | Plotted using topographical survey plan and GPS | 100 | | | | | 1 | M | G | F | 40+ | N/A | Field boundary hedgerow. Gappy with herbaceous vegetation infilling in places at the south. Access restricted limiting detailed measurements. | If retained, consider planting up gaps with native local provenance hedging species. | RPA 0.3m from edge of hedge. | N/A |

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| H | 54 | Hawthorn. | 2 | N/A | Plotted using GPS and manual plotting | 130 | | | | | | 1 | M | G | F | 40+ | N/A | Field boundary hedgerow sections along fence line and under group canopy for majority of field boundary at north of group G76. Access restricted limiting detailed measurements. | None required. | RPA to edge of hedge. | N/A |
| H | 55 | Hawthorn, elder, elm. | 3.5 | N/A | Plotted using topographical survey plan | 110 | | | | | | 1 | M | G | F | 40+ | N/A | Field boundary hedgerow. Becoming outgrown at east. Elm dead sections noted between trees T89 and T90. Access restricted limiting detailed measurements. | None required. | RPA 0.4m from edge of hedge. | N/A |
| H | 56 | Hawthorn, ash, oak. | 7 | N/A | Plotted using topographical survey plan and GPS | 150 | | | | | | 1 | EM-M | F | F | 40+ | N/A | Field boundary hedgerow. Becoming outgrown. Access restricted limiting detailed measurements. | None required. | RPA 0.5m from edge of hedge. | N/A |
| H | 57 | Hawthorn. | 1.8 | N/A | Plotted using GPS | 95 | | | | | | 1 | M | G | F | 40+ | N/A | Field boundary hedge section. Good vitality. Access restricted limiting detailed measurements. | None required. | RPA 0.2m from edge of hedge. | N/A |
| H | 58 | Ash. | 2 | N/A | Plotted using GPS and manual plotting | 250 | | | | | | 1 | M | G | F | 40+ | N/A | Third party field boundary hedge section. Excellent vitality. Access restricted limiting detailed measurements. | None required. | RPA 1m from edge of hedge. | N/A |
| H | 59 | Hawthorn. | 2 | N/A | Plotted using GPS and manual plotting | 200 | | | | | | 1 | M | G | F | 40+ | N/A | Short section of third party field boundary hedgerow. Access restricted limiting detailed measurements. | None required. | RPA 1.2m from edge of hedge. | N/A |
| H | 60 | Hawthorn, elder. | 6.7 | N/A | Plotted using topographical survey plan and GPS | 300 | | | | | | 1 | M | G | F | 40+ | N/A | Field boundary hedgerow. Become outgrown but still functioning as a hedgerow. Access restricted limiting detailed measurements. | None required. | RPA 2.1m from edge of hedge. | N/A |
| H | 61 | Hawthorn, elder. | 1.9 | N/A | Plotted using topographical survey plan | 110 | | | | | | 1 | M | G | F | 40+ | N/A | Field boundary hedgerow. Access restricted limiting detailed measurements. | None required. | RPA 0.5m from edge of hedge. | N/A |
| H | 62 | Hawthorn. | 1.7 | N/A | Plotted using topographical survey plan | 100 | | | | | | 1 | M | G | F | 40+ | N/A | Field boundary hedgerow. Access restricted limiting detailed measurements. | None required. | RPA 0.4m from edge of hedge. | N/A |
| H | 63 | Hawthorn | 4 | N/A | Plotted using topographical survey plan and GPS | 250 | | | | | | 1 | M | | | | N/A | Field boundary hedgerow. Becoming outgrown. Some dieback and dead stems in places. Access restricted limiting detailed measurements. | If retained, consider removal of dead sections and replanting with local provenance native hedging species. | RPA 1m from edge of hedge. | N/A |
| H | 64 | Hawthorn, elder, ash. | 7 | N/A | Plotted using topographical survey plan and GPS | 350 | | | | | | 1 | M | G | F | 40+ | N/A | Field boundary hedgerow. Becoming outgrown, small trees developing. Access restricted limiting detailed measurements. | None required. | RPA 2.7m from edge of hedge. | N/A |
| H | 65 | Hawthorn, elder. | 5.5 | N/A | Plotted using topographical survey plan | 350 | | | | | | 1 | M | G | F | 40+ | N/A | Field boundary hedgerow. Becoming outgrown, small multi-stemmed trees developing. Access restricted limiting detailed measurements. | None required. | RPA 2.7m from edge of hedge. | N/A |
| H | 66 | Hawthorn, elder. | 1.8 | N/A | Plotted using topographical survey plan and GPS | 150 | | | | | | 1 | M | G | F | 40+ | N/A | Field boundary hedgerow. Access restricted limiting detailed measurements. | None required. | RPA 1m from edge of hedge. | N/A |
| H | 67 | Hawthorn | 3 | N/A | Plotted using topographical survey plan and GPS | 200 | | | | | | 1 | M | G | F | 40+ | N/A | Field boundary hedgerow sections, becoming outgrown at sides. Access restricted limiting detailed measurements. | None required. | RPA 1.1m from edge of hedge. | N/A |
| H | 68 | Hawthorn. | 2 | 0.7 | Plotted using topographical survey plan and GPS | 220 | | | | | | 1 | M | G | F | 40+ | N/A | Field boundary hedgerow section remnants. Canopy generally c. 0.5 to 0.7 above ground, exposed stems beneath, browsing damage. Access restricted limiting detailed measurements. | None required. | RPA 1.8m from edge of hedge. | N/A |

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| H | 69 | Elder, hawthorn. | 2.2 | N/A | Plotted using topographical survey plan and GPS | 200 | | | | | | 1 | M | F | F | 40+ | N/A | Field boundary hedgerow. Gaps and dieback on outgrowing specimens at north. Access restricted limiting detailed measurements. | If retained, consider planting gaps with local provenance native hedging species. | RPA 1.8m from edge of hedge. | N/A |
| H | 70 | Hawthorn, elder. | 3 | N/A | Plotted using topographical survey plan and GPS | 250 | | | | | | 1 | M | G | F | 40+ | N/A | Field boundary hedgerow. Access restricted limiting detailed measurements. | None required. | RPA 2.4m from edge of hedge. | N/A |
| H | 71 | Hawthorn. | 4.5 | N/A | Plotted using topographical survey plan | 300 | | | | | | 1 | M | G | F | 40+ | N/A | Field boundary hedgerow, becoming outgrown, small multi-stemmed trees developing, particularly at south. Access restricted limiting detailed measurements. | None required. | RPA 2.2m from edge of hedge. | N/A |
| H | 72 | Cherry laurel. | 1.7 | N/A | Plotted using GPS | 200 | | | | | | 1 | M | G | F | 40+ | N/A | Garden boundary hedge. Excellent vitality. Access restricted limiting detailed measurements. | None required. | RPA 1.5m from edge of hedge. | N/A |
| H | 73 | Hawthorn. | 1.5 | N/A | Plotted using topographical survey plan and GPS | 120 | | | | | | 1 | M | F | F | 40+ | N/A | Recently cut, managed garden boundary hedge. Access restricted limiting detailed measurements. | None required. | RPA 0.9m from edge of hedge. | N/A |
| H | 74 | Hawthorn | 5 | N/A | Plotted using topographical survey plan | 200 | | | | | | 1 | M | F | F | 40+ | N/A | Field boundary, unmanaged hawthorn hedgerow. Some dieback in places. Stem diameter estimated due to low canopy. | None required. | RPA 0.7m from edge of hedge. | N/A |
| H | 75 | Hawthorn. | 4.8 | N/A | Plotted using topographical survey plan and GPS | 250 | | | | | | 1 | M | G | F | 40+ | N/A | Field boundary unmanaged hedgerow. Multi-stemmed small trees. Generally good vitality. Stem diameter estimated due to low canopy. | None required. | RPA 1.7m from edge of hedge. | N/A |
| H | 76 | Hawthorn | 3.6 | N/A | Plotted using topographical survey plan | 300 | | | | | | 1 | M | F | F | 40+ | N/A | Linear, unmanaged field boundary hedgerow. Some dieback, otherwise reasonably good vitality. Access restricted by low canopies, detailed measurements limited. | None required. | RPA 0.6m from edge of hedge. | N/A |
| H | 77 | Hawthorn, dog rose. | 4 | N/A | Plotted using topographical survey plan | 250 | | | | | | 1 | M | F | F | 40+ | N/A | Linear field boundary unmanaged hedgerow trees. Access restricted by low canopy, detailed measurements limited. | None required. | RPA 0.2m from edge of hedge. | N/A |
| H | 78 | Hawthorn, dog rose. | 3.6 | N/A | Plotted using topographical survey plan and GPS | 250 | | | | | | 1 | EM-M | G | F | 40+ | N/A | Linear field boundary unmanaged hedgerow. Good vitality. Access restricted by low canopy, limited detailed measurements. | None required. | RPA 0.7m from edge of hedge. | N/A |
| H | 79 | Hawthorn, dog rose. | 3.5 | N/A | Plotted using topographical survey plan and GPS | 300 | | | | | | 1 | EM-M | F | F | 40+ | N/A | Field boundary unmanaged hedgerow. Good vitality generally, some dieback in places. Access restricted by low canopy, detailed measurements limited. | None required. | RPA 0.6m from edge of hedge. | N/A |
| H | 80 | Hawthorn. | 4.9 | N/A | Plotted using GPS | 250 | | | | | | 1 | M | G | F | 40+ | N/A | Unmanaged hedgerow. Good vitality. Access restricted by low canopy, detailed measurements limited. | None required. | RPA 1.2m from edge of hedge. | N/A |
| H | 81 | Hawthorn, dog rose. | 6.6 | N/A | Plotted using topographical survey plan and GPS | 350 | | | | | | 1 | M | G | F | 40+ | N/A | Linear field boundary and roadside hedgerow. Multi-stemmed, unmanaged hedgerow trees. Good vitality. Access restricted by low canopy, detailed measurements limited. | None required. | RPA 0.7m from edge of hedge, except to the north to edge of pavement | N/A |
| H | 82 | Hawthorn, dog rose. | 2.5 | N/A | Plotted using topographical survey plan and GPS | 250 | | | | | | 1 | M | G | F | 40+ | N/A | Linear field boundary unmanaged hedgerow. Good vitality. Access restricted by low canopy, detailed measurements limited. | None required. | RPA to edge of hedge. | N/A |
| H | 83 | Elder, Hawthorn | 3.2 | N/A | Plotted using topographical survey plan and aerial photography for eastern edge | 130 | | | | | | 1 | EM | G | G | 40+ | N/A | Unmanaged hedgerow at site boundary. Good vitality throughout hedge. | None required. | RPA to edge of hedge. | N/A |
| H | 84 | Hawthorn | 2.2 | N/A | Plotted using topographical survey plan | 140 | | | | | | 1 | EM | G | G | 40+ | N/A | Managed hedgerow at site boundary adjacent to neighbouring residential property. Good structure and vitality. | None required. | RPA 0.9m from edge of hedge. | N/A |

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|---|----|--|-----|-----|---|-----|-----|--|--|--|--|---|------|---|---|-----|-------|---|--|-------------------------------|-----|
| H | 85 | Hawthorn, Elder | 6.2 | N/A | Plotted using topographical survey plan | 300 | 240 | | | | | 2 | M | G | G | 40+ | N/A | Unmanaged hedgerow of mature hawthorn with dog rose and ivy throughout. Hedge is broken into six distinct parts of similar attributes. Generally good vitality, except where ivy has restricted crown growth. | If retained, consider planting up gaps with native local provenance hedging species. | RPA 1.1m from edge of hedge. | N/A |
| H | 86 | Hawthorn, Elder, Hazel | 1.9 | N/A | Plotted using topographical survey plan and GPS | 150 | | | | | | 1 | EM | G | F | 40+ | N/A | Hedgerow adjacent to boundary fence, partially managed. Good vitality throughout hedge. | None required. | RPA to edge of hedge. | N/A |
| H | 87 | Holly, Hawthorn, Sycamore | 2.3 | N/A | Plotted using topographical survey plan | 90 | | | | | | 1 | SM | G | F | 40+ | N/A | Hedgerow adjacent to site boundary previously managed at approximately 1.8m in height. Good vitality in regrowth throughout hedge. | None required. | RPA 0.1m from edge of hedge. | N/A |
| H | 88 | Hawthorn, Wild cherry, Elder, Blackthorn | 7.2 | N/A | Plotted using topographical survey plan and GPS | 230 | 160 | | | | | 2 | EM-M | G | F | 40+ | N/A | Unmanaged hedgerow between fields. Browsing evident in lower part of hedge. Good vitality in upper. | None required. | RPA to edge of hedge. | N/A |
| H | 89 | Hawthorn, Elder, Forsythia, Cherry laurel | 2.2 | N/A | Plotted using topographical survey plan | 140 | | | | | | 1 | EM | G | G | 40+ | N/A | Managed hedgerow with good vitality throughout adjacent to site boundary. | None required. | RPA 0.5m from edge of hedge. | N/A |
| H | 90 | Hawthorn | 2.1 | N/A | Plotted using topographical survey plan | 130 | | | | | | 1 | EM | G | G | 40+ | N/A | Managed hedgerow adjacent to field. Good density throughout hedge. | None required. | RPA 0.3m from edge of hedge. | N/A |
| H | 91 | Hawthorn | 6.8 | N/A | Plotted using topographical survey plan | 170 | 140 | | | | | 2 | EM | G | G | 40+ | N/A | Hedgerow between fields with unmanaged height but pruned on east and west sides. Generally good vitality but end trees in poor physiological condition. | None required. | RPA 0.6m from edge of hedge. | N/A |
| H | 92 | Hawthorn, Elder, Ash | 9.5 | N/A | Plotted using topographical survey plan | 220 | 280 | | | | | 2 | EM | G | G | 40+ | N/A | Unmanaged hedgerow between fields. Good vitality throughout hedge. Evidence of browsing by horses. | None required. | RPA 1.1m from edge of hedge. | N/A |
| H | 93 | Hawthorn | 6.8 | N/A | Plotted using topographical survey plan and GPS | 180 | | | | | | 1 | EM | G | G | 40+ | N/A | Unmanaged hedgerow between fields with evidence of browsing on both sides. Good vitality throughout upper hedge. | None required. | RPA 0.2m from edge of hedge. | N/A |
| W | 1a | Ash, whitebeam, oak, elm, hazel, sycamore, hawthorn. | 20 | 0 W | Plotted using GPS and aerial imagery | 700 | | | | | | 1 | Y-M | F | F | 40+ | A 2,3 | Small parcel of woodland, located directly adjacent north of Hermit Lane. Comprises small to large single and multi-stemmed trees. Understorey saplings present, comprising whitebeam, oak, sycamore, ash and elm - Stem diameters c. 5mm to 100mm. Ivy on most stems over c.50mm. Standing dead elm tree at south centre overhang layby, with other standing dead trees, inaccessible - likely also elm, to west of this - estimated at 3no - running as small row through from roadside to field at west. Some dieback on ash - sparse canopies along roadside at south of parcel, otherwise woodland parcel trees have generally have good vitality. Stem wounds on some trees visible, one tree noted as developing a cavity near base as a result of decay within a basal wound. Bat potential likely due to age and size of larger trees, decay wounds and at least one cavity visible from ground level, as well as standing dead trees at southwest and dieback on medium-sized ash trees. Stream running through western side of parcel, ground rises from this steeply to field at west and more gradually towards road and field at east. There is an oak tree at southeast near road with a severely leaning stem to north, which has self-corrected as it reached adjacent oak. This has resulted in two stems closely growing upwards. Ivy carpeting majority of ground within woodland parcel except where there are informal paths. Bluebells flowering during time of survey, with dog violet, cow parsley, docks, brambles, wood avens and cleavers. Some parts within woodland parcel and its canopy were inaccessible due to vegetation, ditches/watercourse at north, livestock in field at north and east, boundary fencing, and the busy road (Hermit Lane) at south. Canopy was plotted using GPS for majority of its length but where inaccessible completed using aerial imagery. | Fell dead elms adjacent to road within 6 months of survey. Re-inspect for safety/risk management purposes, particularly of trees along roadside, within 12 months. Consider management options to control ivy from a woodland management and arboricultural perspective. | RPA 0.3m from edge of canopy. | N/A |

| | | | | | | | | | | | | | | | | | | | | | |
|---|----|--|----|-----|---|------|--|--|--|--|---|-----|---|---|-----|---|-----|---|---|-------------------------------|-----|
| W | 1b | Hazel, sycamore, hawthorn, ash, oak, field maple, alder, elm, horse chestnut, whitebeam. | 15 | 0 E | Plotted using topographical survey plan, GPS and aerial imagery | 1000 | | | | | 1 | Y-M | G | F | 40+ | A | 3,2 | Ancient woodland along stream line. Small to medium-sized trees. Generally good vitality. Ash with some dieback. Oak with dieback at east. Dog rose, brambles along western edge under canopy edge along majority of perimeter. Brambles, dog rose, small ash, hawthorn and alder trees along western edge fence line beyond canopy surveyed separately. Alder on western edge of woodland, particularly adjacent wet waterlogged zones with dieback extensive, alder leaf beetle defoliation / leaf mining noted also on trees beyond canopy. Pond or wet area with reeds near south of western part, alder surrounding this on west, wet areas viewed from outside, not accessed. Canopy where not accessible estimated. Not all canopy extents and internal areas accessible due to stream, topography, barbed wire fencing, livestock, topography and vegetation, limiting detailed measurements. | Recommend al safety/risk management survey of the trees within falling distance of publicly accessible areas, within 12 months of survey. | RPA 3.6m from edge of canopy. | N/A |
|---|----|--|----|-----|---|------|--|--|--|--|---|-----|---|---|-----|---|-----|---|---|-------------------------------|-----|

Appendix 2: Drainage Installation Methods within Ancient Woodland Option Table

| Northern Surface Water Drainage Run Within Ancient Woodland Ref. W1b (From Basins 2 & 6) - Options Pros and Cons Comparison | |
|--|--|
| <ul style="list-style-type: none"> Total length of drainage run within ancient woodland buffer zone:- 16.5m. Total length of drainage run within ancient woodland canopy extent:- 13m. Total length of drainage run within ancient woodland Root Protection Areas (RPAs):- 10m. Boggy ground conditions present with waterlogged soil likely to be anaerobic, hence affected trees health declining. | |
| Open Trench Excavated | Horizontally Directionally Drilled (HDD), With Last Section to Stream Edge Open Trench Excavated |
| <p>No. of Trees Requiring Removal To Enable Drainage:-</p> <ul style="list-style-type: none"> Category U Quality:- 3 Trees (T1034, T1035, T1038); Category C Quality:- 3 (T1036, T1037, T1048). | <p>No. of Trees Requiring Removal To Enable Drainage:-</p> <ul style="list-style-type: none"> Category U Quality:- 3 (T1034, T1035, T1038); Category C Quality :- 3 (T1036, T1037, T1048). |
| <p>NJUG 4 Excavation Within Specific Retained Trees RPAs:-</p> <ul style="list-style-type: none"> N/A. | <p>Excavation Within Specific Retained Trees RPAs:-</p> <ul style="list-style-type: none"> N/A. |
| <p>Pros</p> <ul style="list-style-type: none"> Excavations in RPAs, if in accordance with NJUG 4 guidance, can usually work around and retain significant tree roots. | <p>Pros</p> <ul style="list-style-type: none"> Surface soil within ancient woodland buffer zone would be undisturbed. |
| <p>Cons</p> <ul style="list-style-type: none"> Greater quantum of excavation of undisturbed surface soils within ancient woodland and the ancient woodland buffer zone required. | <p>Cons</p> <ul style="list-style-type: none"> Substantially less excavation of undisturbed surface soils within ancient woodland. |

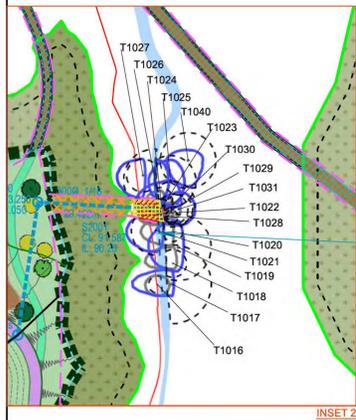
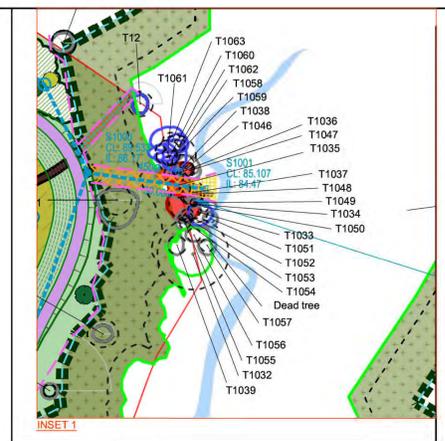
| Surface Water Drainage Run Within Ancient Woodland Ref. W1b (From Basin 7) - Options Pros and Cons Comparison | |
|---|---|
| <ul style="list-style-type: none"> • Total length of drainage run within ancient woodland buffer zone:- 19m. • Total length of drainage run within ancient woodland canopy extent:- 8m. • Total length of drainage run within ancient woodland Root Protection Areas:- 6m. • Ground significantly disturbed by grazing animals. | |
| Open Trench with Section Within RPAs Of Retained Trees Manually Excavated To NJUG 4 Standard | Horizontally Directionally Drilled, With Last Section to Stream Edge Manually Excavated To NJUG 4 Standard |
| No. of Trees Provisionally Requiring Removal To Enable Drainage:- <ul style="list-style-type: none"> • Category C Quality:- 3 Trees (T1022, T1023, T1024). | No. of Trees Provisionally Requiring Removal To Enable Drainage:- <ul style="list-style-type: none"> • Category C Quality:- 3 Trees (T1022, T1023). |
| NJUG 4 Excavation Within Specific Retained Trees RPAs:- <ul style="list-style-type: none"> • Category B Quality:- 2 Trees (T1021, T1026). | Excavation Within Specific Retained Trees RPAs:- <ul style="list-style-type: none"> • Category B Quality:- 2 Trees (T1021, T1026); • Category C Quality: 1 Tree (T1024). |
| Pros <ul style="list-style-type: none"> • Access only required within a heavily grazed field to west of steep-sided stream bank. The stream provides a barrier to the undisturbed woodland soils to the east of the stream. • Excavations in RPAs, if in accordance with NJUG 4 guidance, can usually work around and retain significant tree roots. | Pros <ul style="list-style-type: none"> • Access only required to heavily grazed field to west of steep-sided stream, which provides a barrier to the undisturbed woodland soils to the east of the stream. • Surface soil within ancient woodland buffer zone would be undisturbed. |
| Cons <ul style="list-style-type: none"> • Greater quantum of excavation of undisturbed surface soils within ancient woodland and the ancient woodland buffer zone required. • Excavation may disturb significant roots within RPAs. | Cons <ul style="list-style-type: none"> • Substantially less excavation of undisturbed surface soils within ancient woodland. |

| Southern Surface Water Drainage Run Within Ancient Woodland Ref. W1b (From Basin 8) - Options Pros and Cons Comparison | |
|--|--|
| <ul style="list-style-type: none"> • Total length of drainage run within ancient woodland buffer zone:- 15m. • Total length of drainage run within ancient woodland canopy extent:- 15m. • Total length of drainage run within ancient woodland root protection areas:- 6m. • Ground significantly disturbed by grazing animals. | |
| Open Trench with Section Within RPAs Manually Excavated To NJUG 4 Standard | Horizontally Directionally Drilled, With Last Section to Stream Edge Manually Excavated To NJUG 4 Standard |
| No. of Trees Provisionally Requiring Removal:- <ul style="list-style-type: none"> • Category C Quality:- 2 Trees (T1009, T1010); • Category B Quality:- 1 Tree (T1005). | No. of Trees Provisionally Requiring Removal:- <ul style="list-style-type: none"> • Category C Quality:- 2 Trees (T1009, T1010); • Category B Quality:-1 Tree (T1005). |
| NJUG 4 Excavation Required Within Specific Retained Trees RPAs:- <ul style="list-style-type: none"> • Category B:- 2 Trees (T1012, T1013). | Excavation Required Within Specific Retained Trees RPAs:- <ul style="list-style-type: none"> • Category B:- 2 Trees (T1012, T1013). |
| Pros <ul style="list-style-type: none"> • Access only required to heavily grazed field to south of steep-sided stream, which provides a barrier to the undisturbed woodland soils to the east of the stream. • Excavations in RPAs, if in accordance with NJUG 4 guidance, can usually work around and retain significant tree roots. | Pros <ul style="list-style-type: none"> • Access only required to heavily grazed field to south of steep-sided stream, which provides a barrier to the undisturbed woodland soils to the east of the stream. • Surface soil within ancient woodland buffer zone would be undisturbed. |
| Cons <ul style="list-style-type: none"> • Greater quantum of excavation of undisturbed surface soils within ancient woodland and the ancient woodland buffer zone required. • Excavation may disturb significant roots within RPAs. | Cons <ul style="list-style-type: none"> • Substantially less excavation of undisturbed surface soils within ancient woodland. |

Technical Note



Appendix 3: Tree Protection Plans Sheets 1 & 2



KEY

- SITE APPLICATION BOUNDARY
- HEDGE
- SCRUB
- TREES REMOVED DUE TO CONDITION AND/OR TO ENABLE DEVELOPMENT
- EXTENT OF PRUNING
- LOCATION OF TREE PROTECTION FENCING
- PROPOSED NO DIG FLEXPAVE FOOTWAYS
- PROPOSED GROUND PROTECTION
- GROUND LEVEL INCREASE USING 3 DIMENSIONAL GEORIDS
- WORKING AREA FOR DRAINAGE DIRECTIONAL DRILLING RECEPTOR PIT & FOR HEADWALL

TREES

Quality categories based on BS5837:2012 Trees in relation to design, development and construction - Recommendations for Protection Areas (RPA - Root Protection Area)

When RPA is not viable it is to be the same distance as the canopy

The original of this drawing was produced in colour - a monochrome copy should not be relied upon.

- CATEGORY A CROWN SPREAD
- CATEGORY B CROWN SPREAD
- CATEGORY C CROWN SPREAD
- CATEGORY U CROWN SPREAD
- ROOT PROTECTION AREA
- VETERAN TREE AND ANCIENT WOODLAND BUFFER ZONE
- TREE/TREE GROUP/WOODLAND/HEDGE NUMBER
- POTENTIAL DIRECT OBSTRUCTION OF SUNLIGHT

KEY - LANDSCAPE MASTERPLAN

- DRAINAGE EASEMENT (RPA AS INDICATED)
- ACTIVE TRAVEL ROUTE (MULTI-USER PATH WITH MAX GRADIENT OF 1:21)
- RECREATIONAL ROUTE (NON MULTI-USER PATH)
- SURFACE THROUGH ANCIENT WOODLAND (eg NB FLEXPAVE OR SIMILAR APPROVED)
- BOARDWALK / BRIDGE
- STEPS
- FORMAL PLAY (NEAP / LEAP)
- INFORMAL PLAY
- ALLOTMENTS
- COMMUNITY ORCHARDS
- TREES
- 15m BUFFER FOR ANCIENT WOODLAND
- EXISTING HEDGEROW RETAINED
- PROPOSED MIXED NATIVE HEDGEROW / HEDGE
- PROPOSED SWALE
- PERMANENT WATER BODY
- WET MEADOW
- ORNAMENTAL PLANTING
- TRADITIONAL WILDLIFE MEADOW
- AMENITY GRASS (SHORT MOWN)
- SPECIES RICH GRASS
- ROCKY GORSE / SHRUB
- WET SCRUB PLANTING
- REEDBEDS
- NATIVE SHRUB / SCRUB PLANTING
- WOODLAND PLANTING (MIXED DECIDUOUS & EVERGREEN SPECIES)

KEY - MAIN INFRASTRUCTURE DRAINAGE STRATEGY

- 600S EARTHWORK PROFILE
- PROPOSED SW DRAINAGE
- PROPOSED FW DRAINAGE
- RISING MAIN

KEY - PROPOSED SW/WILD COMMERCIAL DEVELOPMENT DRAINAGE

- PROPOSED SURFACE WATER PIPE
- PROPOSED SURFACE WATER MANHOLE
- PROPOSED FOUL WATER PIPE
- PROPOSED FOUL WATER MANHOLE
- PROPOSED DRAINAGE CHANNEL
- PROPOSED KERBSIDE
- PROPOSED ROAD GULLY
- PROPOSED RAINWATER PIPE
- PROPOSED SYNCHRONIC RAINWATER PIPE
- PROPOSED WASTE POINT CONNECTION
- EXISTING SURFACE WATER PIPE
- EXISTING SURFACE WATER MANHOLE
- EXISTING FOUL WATER PIPE
- EXISTING FOUL WATER MANHOLE

REFERENCED DATA

- STRATEGIC LANDSCAPE MASTERPLAN, P11540-20-01-0100 REV 11 DATED 11-08-2024
- MAIN INFRASTRUCTURE DRAINAGE STRATEGY, QD0808-040 TO 402
- FW DRAINAGE STRATEGY PLAN COMMERCIAL DEVELOPMENT ZONE, 4848-PP-22-ZZ-02-D-145 S4 P02
- SW DRAINAGE STRATEGY PLAN COMMERCIAL DEVELOPMENT ZONE, 4848-PP-22-ZZ-02-D-145 S4 P02
- LAND DRAINAGE STRATEGY PLAN COMMERCIAL DEVELOPMENT ZONE, 4848-PP-22-ZZ-02-D-145 S4 P02

SHEET OVERVIEW

SHEET 1

SHEET 2

| | | | | |
|---------------|--|------------|--------|-------------|
| D | New Masterplan - Various amendments. | 11/07/2023 | MS | MS |
| C | New Drainage Strategy and Landscape Masterplan overlaid. Various amendments. | 11/07/2023 | MS | MS |
| B | New Drainage Strategy overlaid. Various amendments. | 11/07/2023 | MS | MS |
| A | FIRST ISSUE | 11/07/2023 | MS | MS |
| REV | | | | |
| DATE | | | | |
| CLIENT | STRATA STERLING BARNSELY WEST LTD | | | |
| PROJECT | BARNSELY WEST | | | |
| DRAWING TITLE | TREE PROTECTION PLAN SHEET 1 OF 2 | | | |
| DRG NO. | LD10361-030 | REV | D | REV CODE |
| DRG SIZE | A0 | SCALE | 1:1250 | DATE |
| DRAWN BY | SJ/MAB | CHECKED BY | MS | APPROVED BY |
| | | | | |

