

Preliminary Arboricultural Impact Assessment



**Tyler
Grange**

**Northern Gateway
11th February 2025**

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Admin QA	Authors	Approved	
JJ	Wilson Scott BSc (Hons) FdSc TechArborA	Jack Jewell BA (Hons) MLA CMLI	
	Jack Jewell BA (Hons) MLA CMLI		

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Section 1: Introduction

- 1.1. This Preliminary Arboricultural Impact Assessment has been prepared by Tyler Grange Group Ltd (TG) on behalf of Northern Gateway Development Vehicle LLP ('the Applicant') to address arboricultural matters relating to an outline planning application for the design, planning and execution of land within the Northern Gateway JPA 1.1 policy allocation area.
- 1.2. "Northern Gateway JPA 1.1" refers to the Places for Everyone Joint Development Plan 2022 to 2039 ("PfE") Policy JP Allocation 1.1 'Heywood / Pilsworth (Northern Gateway)'. Northern Gateway JPA 1.1 is an extensive area located around Junction 18 of the M60 motorway extending east to Junction 19 of the M62 and north to Junction 3 of the M66.
- 1.3. PFE states that the "Northern Gateway JPA 1.1" allocation *"has been identified as a large, nationally significant location for new employment-led development within the Northern Gateway opportunity area between Bury and Rochdale. The scale of the opportunity will help to deliver a significant jobs boost to wider northern and eastern parts of the conurbation, increasing the economic output from this area and helping to rebalance the Greater Manchester economy. It also includes the potential to deliver a significant amount of new housing as well as an appropriate range of supporting and ancillary services and facilities"*.
- 1.4. This report considers two boundaries within Northern Gateway JPA 1.1, as demarcated at Figure 1.1 overleaf. The line shown in red is referred to as the 'Application Boundary'. The line shown in blue is referred to as the 'Assessment Boundary'. Collectively the two boundaries are referred to as 'the Site' within this report, with the separate boundaries referenced individually where required.
- 1.5. A cross-boundary application for outline planning permission (all matters reserved) is to be submitted for the 'Application Boundary' area, this being submitted by the Applicant to Bury and Rochdale Borough Councils, for which a set of 'Parameter Plans' have been prepared.
- 1.6. A full tree survey has been undertaken for the 'Application Boundary' area, and this has been guided by the recommendations set out within the British Standard 5837 (2012) 'Trees in relation to design, demolition and construction – recommendations' (hereafter 'BS5837') to accord with industry best practice.
- 1.7. Land beyond the 'Application Boundary' and within the 'Assessment Boundary' have not been assessed in detail, largely due to the majority of the land being inaccessible. However, from assessing aerial imagery, desk study analysis and actioning a high-level appraisal of the land from publicly accessible vantage points, namely footpaths and highways, an overview of the baseline and likely development implications is included in this AIA report.



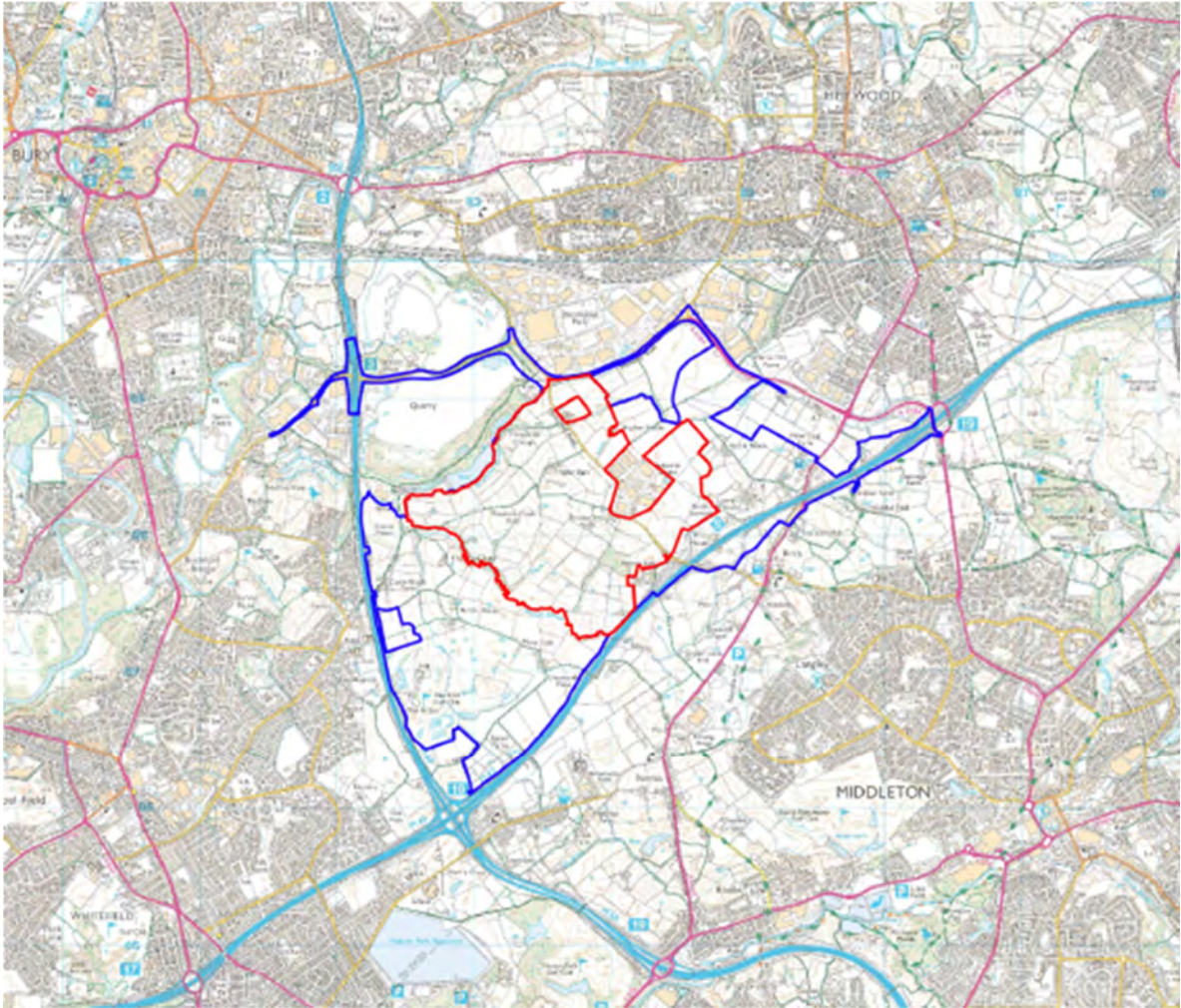


Figure 1.1 – Application Boundary (red line) and Assessment Boundary (blue line)

Site Description / Baseline Summary

Application Boundary

- 1.8. The majority of the red lined Application Boundary comprises fields of managed modified and neutral grassland with riparian corridors, woodland blocks (none of which are designated as Ancient Woodland), tracts of scrub and scattered trees. The fields are a combination of regularly cut and managed haylage/ silage and are rye grass dominant parcels, and areas of former pasture which has been left to grow-out. Fields are damp and rush dominant in places with more scrubby / unmanaged areas traversed by formal and informal pedestrian connections.
- 1.9. Blocks of broadleaved woodland are present, including surveyed tree group G5, forming the largest woodland block towards the south-eastern area within the Application Boundary. This woodland area is predominately comprised of oak *Quercus robur*, with ash *Fraxinus excelsior*, silver birch *Betula pendula* and hawthorn *Crataegus monogyna*.

- 1.10. Other isolated woodland parcels, as set out below, largely comprise a mixture of woodland strips and naturalised blocks of homogenous tree cover typically comprising oak, silver birch, ash, hawthorn, with areas of sycamore *Acer pseudoplatanus*, and stands of beech *Fagus sylvatica*, alongside horse chestnut *Aesculus hippocastanum*, cherry *Prunus avium*, occasional aspen *Populus tremula* and holly *Ilex aquifolium* with a mix of grasses, some bramble and common nettle forming the typical ground flora.
- 1.11. Tree group G24 is a small block of woodland directly south of Butterfield Farm. It is located on a steep bank, with species comprising oak, sycamore, silver birch, horse chestnut and hawthorn. Ground flora was limited to common grasses with some nettle and bramble.
- 1.12. Tree groups G25 and G26 are located to the north of Application Boundary, close to Butterfields Farm. The groups jointly form a woodland block comprised of horse chestnut, hawthorn, cherry, holly, goat willow and sycamore.
- 1.13. Tree groups G44 and G46 collectively form a belt of woodland to the northern end of Brightley Brook. The southern side of the woods was a steep embankment, with the northern side being a field boundary. Species comprised oak, silver birch, sycamore, beech and holly. Himalayan balsam was extensive throughout the ground flora.
- 1.14. Tree group G47 is a small woodland in the northwest corner of the Application Boundary where species comprised holly, hawthorn, oak, silver birch and sycamore. The woodland was located on a steep bank which was poached extensively by horses, resulting in very little ground flora.
- 1.15. Tree group G50 is a small, isolated block of woodland within modified grassland fields to the west of the Application Boundary. Species comprised oak, ash, silver birch, sycamore and holly. Ground flora was limited to occasional grasses such as cock's foot, with some bramble and common nettle.
- 1.16. Tree group G54 is a thin strip of woodland, marking a boundary and adjacent to neutral grassland. The woodland comprised oak, silver birch, ash, hawthorn, sycamore and holly. Ground flora comprised cock's foot, perennial rye, common nettle and bramble.
- 1.17. Woodland areas G52, G53 and G57 collectively form a large area of woodland adjacent to Whittle Brook. Species present included oak, silver birch, hawthorn, beech, cherry, aspen, ash and holly.
- 1.18. Tree group G100 is a woodland strip located in the far north of the Application Boundary and comprised oak, ash, hawthorn, elder and silver birch. Ground flora was limited to common grasses with common nettle and isolated patches of Himalayan balsam.
- 1.19. Other naturalised portions of the Application Boundary beyond the woodland blocks included bramble, gorse, hawthorn and goat willow with some self-seeded trees such as silver birch. Scattered trees and linear tree belts are present along field boundaries, alongside a widespread network of field-side hedgerows. Hedges within the Application Boundary are largely homogenous in species diversity and condition, due to similar farming management and maintenance practices, largely comprising hawthorn and elder, with holly and some scattered hedgerow trees including sycamore, cherry and oak.

Assessment Boundary

- 1.20. The vast majority of the fields with the blue lined 'Assessment Boundary' are also considered to be modified grassland with large swathes of agricultural grassland. The tree stock largely appears to reflect that of the site's accessible areas in terms of general arrangement, character and features, with areas of individual tree cover, groups of trees and internal hedgerows present across field boundaries and pockets of incidental tree cover.
- 1.21. The most notable areas of tree cover are those that align the eastbound carriageway of the M62, and broadleaved woodland cover comprising screening for the M66. Other notable tree cover are those that are situated within the bounds of Pike Fold Golf Club. Pike Fold Golf Club and associated grounds form a more manicured landscape of tree belts and open, mown greens within the south-west. Such trees broadly comprise linear strips of structural tree planting and sporadic crescents of trees aligning the fairways and greens respectively.

Planning Policy Context

- 1.22. The Site falls across the local planning authority boundaries of Bury Council and Rochdale Borough Council. A summary of the National, Regional and Local planning policy context relating to arboricultural matters is provided at **Appendix 2** to the rear of this report.

Section 2: Tree Survey Information

- 2.1. The tree survey was completed by a suitably qualified Arboricultural Surveyor of Tyler Grange in November 2024 for the entirety of the Application Boundary area. The survey was completed in accordance with BS5837 and the methodology as detailed at **Appendix 3**. A measured topographical survey was unavailable and a combination of aerial base mapping and a LiDAR based topography survey was used to inform the location of trees and their surrounding context.
- 2.2. The distribution of the trees surveyed is illustrated on the Tree Constraints Plan (TCP) included to the rear of this report, together with details of their constraints to new development in accordance with BS5837, including:
- Tree quality gradings¹;
 - Root Protection Areas (RPAs)²;
 - Tree canopy spreads³; and
 - Tree shading⁴.
- 2.3. Findings for each of the trees surveyed are detailed in the **Tree Survey Schedule (See Appendix 4)**. This provides a tabulated record of the trees surveyed, including; reference numbers, species composition, tree dimensions, life stage, physiological and structural condition, and the arboricultural value of each survey entry.

Tree Grading Summary

- 2.4. The trees surveyed have been categorised using the 'cascade chart for tree quality assessment' (See **Appendix 4**) recommended by the BS5837. The grading system allows informed decisions to be made concerning the design and impact of the development in relation to the arboricultural value of the trees surveyed.

Tree-related Designations

- 2.5. Following a background check of available online mapping, the presence or absence of tree-related designations is detailed in the table below.

Table 1: Tree-related Designations / Tree References Numbers

Designation Type	TG Tree Reference Number(s)
Tree Preservation Order ⁵	Bury Council's online mapping, showing the location of Tree Preservation Orders (TPOs) is unavailable at the time of writing. Online mapping is also not available for the areas of the site which reside within the jurisdiction of

¹ The value of arboricultural features surveyed in accordance with the methodology set-out Appendix 3.

² a layout design tool indicating the minimum area around a tree deemed to contain sufficient roots and rooting volume to maintain the tree's viability, and where the protection of the roots and soil structure is treated as a priority. See further explanation at Appendix 3.

³ Dimensions of the trees crown spread and clearance from ground level. See further explanation at Appendix 3.

⁴ Shade cast by existing trees which may affect the availability of sunlight and daylight within a new development. See further explanation at Appendix 3.

⁵ A Tree Preservation Order is an order made by a local planning authority in England to protect specific trees, groups of trees or woodlands in the interests of amenity. An Order prohibits the any works and damage to trees (with some exceptions) without the local planning authority's written consent. More information can be found online <https://www.gov.uk/guidance/tree-preservation-orders-and-trees-in-conservation-areas#tree-preservation-orders--general>.

	Rochdale Council, as such, a request has been submitted to the councils for this data to be made available. Once this is available, this report will be updated to reference any trees subject to statutory protection.
Conservation Area ⁶	None
Ancient Woodland ⁷	None
Woodland Habitat ⁸	None

⁶ Trees in a conservation area that are not protected by an Order are protected by the provisions in section 211 of the Town and Country Planning Act 1990. These provisions require people to notify the local planning authority, using a 'section 211 notice', 6 weeks before carrying out certain work on such trees, unless an exception applies. More information can be found online <https://www.gov.uk/guidance/tree-preservation-orders-and-trees-in-conservation-areas#tree-preservation-orders--general>.

⁷ Ancient woods are areas of woodland that have persisted since 1600 in England and Wales, and 1750 in Scotland. The Magic Maps website <https://magic.defra.gov.uk/MagicMap.aspx> has been used to search for ancient woodland on or adjacent to a site.

⁸ Spatial data of woodlands identified under the Priority Habitat Inventory (England) Published by Natural England. The Magic Maps website <https://magic.defra.gov.uk/MagicMap.aspx> has been used to search for woodland on or adjacent to a site.



Section 3: Preliminary Arboricultural Impact Assessment

- 3.1. This Preliminary Arboricultural Impact Assessment has been undertaken to address the outline development proposals in relation to existing trees and hedgerows. The proposals for the Proposed Scheme are commercial-led scheme. At this stage of the planning process (outline application), specific details on the number of commercial units; their specific locations and details on post-development habitats are not available. The assessment is therefore informed by a composite overlay of the tree survey information and proposed Parameter Plans for the Application Boundary as shown on the **Preliminary Tree Retention and Removal Plan (TRRP) (16551/P10a)** located to the rear of this report.
- 3.2. Given the outline nature of the submission this assessment should be considered as an initial appraisal of potential arboricultural impacts based only on the submitted Parameter Plans.
- 3.3. It is reasonable to expect that changes to the general layout of the development would form part of subsequent detailed designs, but at this stage those trees present within the developed portions of the proposed Parameter Plans are shown as potentially being removed, and those trees and hedgerows located within the undeveloped 'Green' areas of the Parameter Plans are assumed to be retained. Further assessment work will therefore be required to provide a definitive assessment of arboricultural impacts based on proposals presented in detail.

Potential Tree Removals, Retention and Mitigation Opportunities

- 3.4. The potential extent of tree removal to accommodate the Application Boundary development / outline planning application is illustrated on the TRRP, showing at this stage that all trees and hedgerows within the built areas of the Parameter Plans are potentially going to be removed. This presents a worst-case scenario but no irreplaceable habitats (ancient woodlands or Veteran trees) are proposed for removal within the Application Boundary.
- 3.5. The TRRP shows that there are hedgerows, scattered trees and woodland areas which are potentially going to be partially or wholly lost to facilitate the development parameters for the Proposed Scheme. The potential tree and hedgerow removals for the Application Boundary development parameters, as illustrated on the TRRP, are also tabulated below.

Table 2: Potential Tree and Hedgerow Removals within the Application Boundary

Development Parcel A
G101 (partial / c. 818m2 of Category C tree belt)
G104 (partial / c. 458m2 of Category C tree belt)
G107 (partial / c. 1310m2 of Category C tree belt)
H88 (34m of Category C hedgerow)

Development Parcel B
H16 (46m of Category C hedgerow)
H17 (132m of Category C hedgerow)
H18 (131m of Category C hedgerow)
H19 (138m of Category C hedgerow)
G14 (partial / c. 134m ² of Category C tree cover)
G19 (partial / c. 220m ² of Category C tree cover)
Development Parcel C
G105 (c. 2,303m ² of Category C tree cover)
G108 (c. 258m ² of Category C tree cover)
G109 (c. 118m ² of Category C tree cover)
G111 (c. 1,100m ² of Category C tree cover)
G112 (c. 2,148m ² of Category C tree cover)
H89 (90m of Category C hedgerow)
H90 (213m of Category C hedgerow)
H91 (54m of Category C hedgerow)
H92 (152m of Category C hedgerow)
H93 (70m of Category C hedgerow)
T58 (Category C)
Development Parcel D
H1 (302m of Category C hedgerow)
H2 (40m of Category C hedgerow)
H3 (360m of Category C hedgerow)
H4 (157m of Category C hedgerow)
H5 (25m of Category C hedgerow)
H6 (145m of Category C hedgerow)

H7 (55m of Category C hedgerow)
H8 (120m of Category C hedgerow)
H9 (180m of Category C hedgerow)
H11 (290m of Category C hedgerow)
H12 (520m of Category C hedgerow)
H13 (511m of Category C hedgerow)
H14 (180m of Category C hedgerow)
H15 (224m of Category C hedgerow)
H20 (263m of Category C hedgerow)
H21 (93m of Category C hedgerow)
H22 (80m of Category C hedgerow)
H23 (104m of Category C hedgerow)
H24 (52m of Category C hedgerow)
H25 (64m of Category C hedgerow)
H26 (126m of Category C hedgerow)
H27 (66m of Category C hedgerow)
H28 (14m of Category C hedgerow)
H29 (220m of Category C hedgerow)
H30 (255m of Category C hedgerow)
H31 (70m of Category C hedgerow)
H32 (166m of Category C hedgerow)
H33 (50m of Category C hedgerow)
H35 (114m of Category C hedgerow)
H36 (118m of Category C hedgerow)
H37 (110m of Category C hedgerow)
H38 (33m of Category C hedgerow)

H39 (50m of Category C hedgerow)
H40 (156m of Category C hedgerow)
H41 (117m of Category C hedgerow)
H42 (93m of Category C hedgerow)
H43 (102m of Category C hedgerow)
H44 (34m of Category C hedgerow)
H45 (200m of Category C hedgerow)
H46 (314m of Category C hedgerow)
H47 (28m of Category C hedgerow)
H48 (150m of Category C hedgerow)
H49 (56m of Category C hedgerow)
H50 (201m of Category C hedgerow)
H51 (206m of Category C hedgerow)
H52 (78m of Category C hedgerow)
H54 (294m of Category C hedgerow)
H55 (156m of Category C hedgerow)
H56 (180m of Category C hedgerow)
H57 (25m of Category C hedgerow)
H58 (91m of Category C hedgerow)
H59 (294m of Category C hedgerow)
H60 (248m of Category C hedgerow)
H61 (178m of Category C hedgerow)
H62 (111m of Category C hedgerow)
H63 (285m of Category C hedgerow)
H64 (89m of Category C hedgerow)
H65 (132m of Category C hedgerow)

T11 (Category C)
T12 (Category C)
T14 (Category B)
T15 (Category B)
T16 (Category C)
T17 (Category C)
T18 (Category C)
T19 (Category C)
T20 (Category B)
T21 (Category C)
T22 (Category B)
T23 (Category C)
T25 (Category C)
T26 (Category C)
T27 (Category C)
T28 (Category C)
T29 (Category C)
T30 (Category C)
T31 (Category C)
T32 (Category C)
T35 (Category C)
T36 (Category C)
T37 (Category C)
T38 (Category C)
T39 (Category C)
T40 (Category C)

T41 (Category C)
T42 (Category C)
T43 (Category C)
T44 (Category C)
T45 (Category C)
T46 (Category C)
T47 (Category B)
T49 (Category C)
G1 (c. 5993m2 of Category C tree cover)
G2 (c. 1365m2 of Category C tree cover)
G3 (c. 498m2 of Category C tree cover)
G4 (c. 825m2 of Category C tree cover)
G5 (c. 26,396m2 of Category B tree cover)
G6 (c. 1560m2 of Category C tree cover)
G7 (c. 112m2 of Category C tree cover)
G8 (c. 388m2 of Category C tree cover)
G9 (c. 1012m2 of Category B tree cover)
G10 (c. 2425m2 of Category B tree cover)
G11 (c. 910m2 of Category C tree cover)
G12 (c. 212m2 of Category C tree cover)
G24 (c. 1480m2 of Category B tree cover)
G25 (c. 766m2 of Category C tree cover)
G26 (c. 3284m2 of Category C tree cover)
G27 (c. 2035m2 of Category C tree cover)
G28 (c. 680m2 of Category C tree cover)
G29 (c. 926m2 of Category C tree cover)

G30 (c. 5418m2 of Category B tree cover)
G31 (c. 9012m2 of Category B tree cover)
G32 (c. 172m2 of Category C tree cover)
G33 (c. 460m2 of Category C tree cover)
G34 (c. 608m2 of Category C tree cover)
G38 (c. 1019m2 of Category C tree cover)
G39 (c. 724m2 of Category C tree cover)
G40 (c. 196m2 of Category C tree cover)
G41 (c. 2111m2 of Category C tree cover)
G42 (c. 3030m2 of Category C tree cover)
G53 (c. 5645m2 of Category C tree cover)
G54 (c. 2793m2 of Category C tree cover)
G55 (c. 1682m2 of Category C tree cover)
G56 (c. 7580m2 of Category B tree cover)
G62 (c. 371m2 of Category C tree cover)
G63 (c. 1412m2 of Category C tree cover)
G68 (c. 5172m2 of Category B tree cover)
G69 (c. 142m2 of Category C tree cover)
G76 (c. 1125m2 of Category C tree cover)
G77 (c. 207m2 of Category C tree cover)
G78 (c. 27m2 of Category C tree cover)
G80 (c. 139m2 of Category C tree cover)
G81 (c. 124m2 of Category C tree cover)
G97 (c. 1392m2 of Category B tree cover)
G98 (c. 233m2 of Category C tree cover)

Development Parcel E
H83 (63m of Category C hedgerow)
H84 (167m of Category C hedgerow)
H85 (72m of Category C hedgerow)
H129 (62m of Category C hedgerow)
H141 (33m of Category C hedgerow)
H143 (109m of Category C hedgerow)
H144 (168m of Category C hedgerow)
H159 (105m of Category C hedgerow)
T56 (Category B)
T113 (Category B)
T114 (Category C)
T115 (Category B)
T116 (Category C)
T117 (Category C)
T118 (Category B)
T120 (Category B)
T121 (Category B)
T123 (Category C)
T124 (Category B)
T125 (Category C)
T126 (Category B)
T127 (Category U)
T128 (Category B)
T136 (Category B)
T138 (Category B)

T139 (Category B)
T140 (Category U)
G93 (c. 1154m2 of Category C tree cover)
G94 (c. 1576m2 of Category C tree cover)
G95 (c. 4985m2 of Category B tree cover)
G96 (c. 217m2 of Category C tree cover)
G99 (c. 1943m2 of Category C tree cover)
G112 (c. 58m2 of Category C tree cover)
G119 (c. 30m2 of Category C tree cover)
G122 (c. 24m2 of Category C tree cover)
G130 (c. 330m2 of Category B tree cover – limited to site-side removal within development parameter)
G131 (c. 77m2 of Category U tree cover)
G132 (c. 77m2 of Category C tree cover)
G133 (c. 139m2 of Category C tree cover)
G137 (c. 72m2 of Category C tree cover)
G142 (c. 30m2 of Category C tree cover)
G145 (c. 1030m2 of Category C tree cover)
Development Parcel F
G158 (c. 385m2 of Category C tree cover)
G162 (c. 84m2 of Category C tree cover)
G163 (c. 96m2 of Category C tree cover)
G164 (c. 153m2 of Category B tree cover – limited to site-side removal within development parameter)
G165 (c. 255m2 of Category B tree cover – limited to site-side removal within development parameter)
G166 (c. 96m2 of Category C tree cover – limited to site-side removal within development parameter)
G168 (c. 38m2 of Category C tree cover – limited to site-side removal within development parameter)
G170 (c. 226m2 of Category C tree cover – limited to site-side removal within development parameter)

G171 (c. 12xm2 of Category C tree cover)

G172 (c. 200m2 of Category B tree cover – limited to site-side removal within development parameter)

- 3.7. Despite the Parameters Plan showing 'all-out loss' within the development area, in reality, once plots and phases come forward through detailed planning, it is likely that habitats will be retained and incorporated into the green infrastructure of future proposals, such as boundary hedgerows.
- 3.8. In terms of retention within the Application Boundary for the Proposed Scheme, there are broadleaved woodland, hedgerows, neutral grassland, ponds, scattered trees and habitats retained within Brightley, Castle and Whittle Brook corridors. The final landscape design should also allow for 'green corridors' which link up to neighbouring plots and in-turn, to the Potential Ecological Mitigation areas and retained brook corridors, thus allowing for additional tree planting and replacement tree cover where possible as part of a site-wide habitat connectivity strategy.
- 3.9. In terms of replacement planting, the Project for Assessment and Proposed Scheme can mitigate for the loss of scattered trees, hedgerows and woodland areas through the planting of native species trees and replacement hedgerows within plot boundaries, potential ecological mitigation areas and offsite potential ecological mitigation areas. Addressing scattered tree and hedgerow replacement specifically, the requirements of the Statutory Biodiversity Metric (SBM) mandate requires that hedgerow loss and scattered trees are compensated for on a like-for-like basis, which will ensure that replacement trees and hedgerow is at an equal or larger quantum than that to be lost to development.
- 3.10. The specifics regarding the exact quantum of hedgerow and tree removal, whilst shown approximately on the TRRP for the Application Boundary, are not presented in detail nor definitively, and details of specific removals within the Assessment Boundary are not fully quantified owing to the lack of detailed baseline data. As losses are not fully known at this stage given the need to prepare a detailed layout proposal, the quantum of replacement planting required is also unknown. The detail regarding the quantum of hedgerow and scattered tree compensation will be detailed as part of a Biodiversity Gain Plan and detailed soft landscaping proposals which would typically be attached as a condition to any planning permission. The proposals will need to also mitigate for the loss of woodland through the creation of new woodland within development plots and open green spaces where possible.

Construction Mitigation

- 3.11. Given that the layout is limited to Parameter Plans in terms of detail at this stage, a detailed methodology for tree protection during the site preparation and construction stages has not yet been prepared. During the detailed planning and design phase of the proposed development, it will be necessary to demonstrate how the above and below ground structures of retained tree cover will be protected during the construction of development. It is therefore recommended that a full Arboricultural Method Statement (AMS) is prepared as part of a reserved matters application or to discharge applicable and suitably worded planning Conditions.
- 3.12. An AMS will set out a practical methodology to the protection of retained trees based on detailed designs, including groundworks, services and new landscaping. The AMS will typically include the following key items:

- A schedule and specification of tree removal and pruning works;
- Specifications for tree protection barriers and ground protection;
- Procedures for any specialist construction techniques / any supervised excavations within RPAs (if required)
- Phasing of work;
- Site monitoring (where required); and
- A Tree Protection Plan.

Future Management

- 3.13. Once detailed post-development plans come forward for any habitats being created, retained and enhanced on-site, and any potential offsite areas once confirmed through the later detailed planning and design stages, will be maintained for at least 30 years post development to satisfy the conditions for BNG in the Environment Act 2021, as well as best practice guidelines⁹. This should be secured through a Habitat Management and Monitoring Plan (HMMP) as a planning condition. The management will be adapted based on monitoring results to ensure the best desired outcomes are achieved.

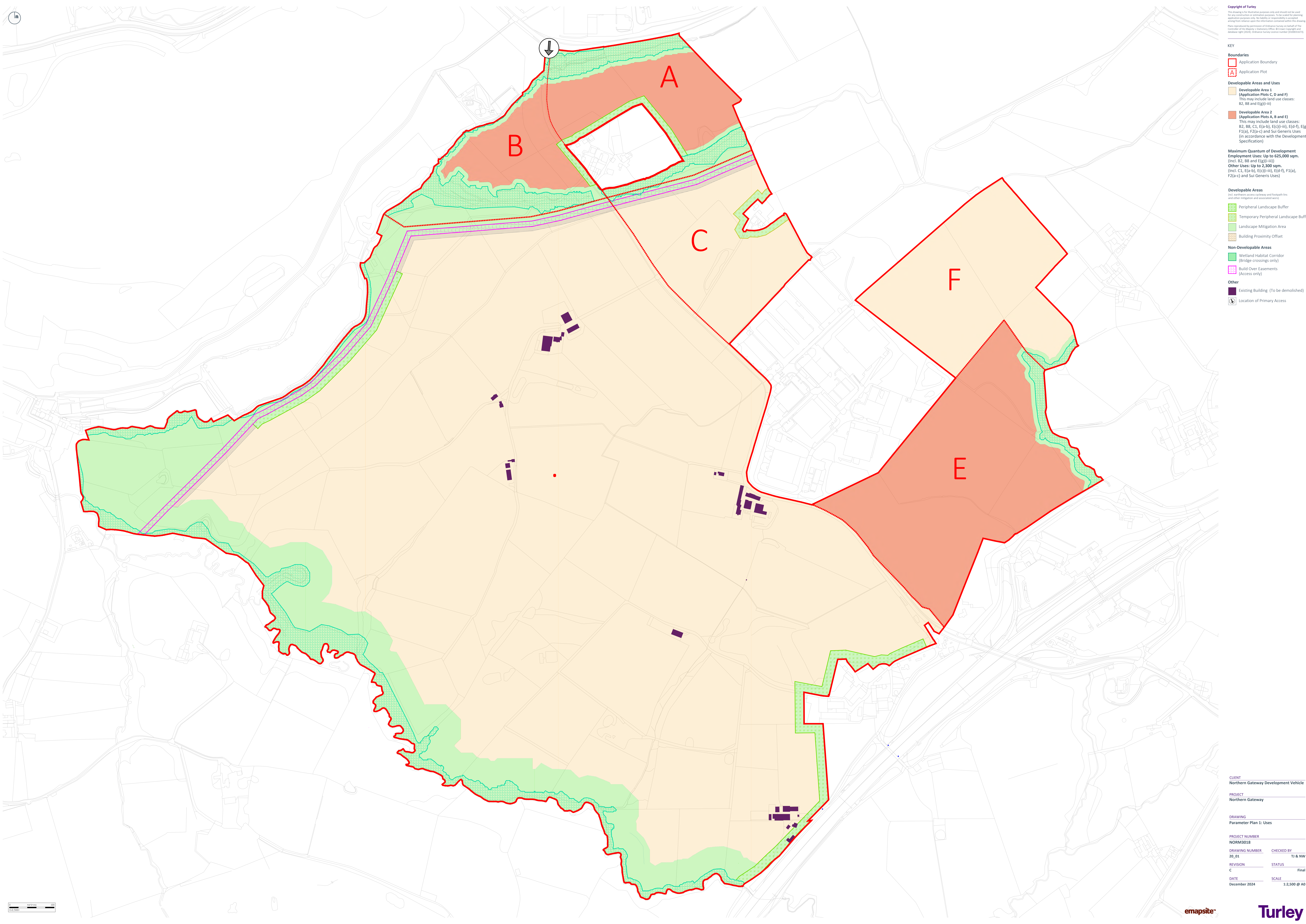
Conclusion

- 3.14. A BS5837 Tree Quality Survey and Preliminary Arboricultural Impact Assessment has been prepared in relation to proposed Parameter Plans within the PFE "Northern Gateway JPA 1.1" allocation. Potential tree and hedgerow removal for the site's Application Boundary have been illustrated on the TRRP included within this report, and tabulated to show a worst case scenario arboricultural impact for the submitted parameters.
- 3.15. The Parameters Plan show 'all-out loss' within the development area at this stage but once plots and phases come forward through detailed planning, then in reality it is likely that additional trees and hedgerows could be retained and incorporated into the green infrastructure of future proposals, such as additional boundary hedgerows or woodland areas which are unaffected by on-site ground works and construction activity. What is clear at this stage however is that an ecological-led approach to the Parameters Plan has sought to safeguard principle habitat features, in accordance with Policy JP Allocation 1.1: Heywood / Pilsworth (Northern Gateway) which includes a requirement to *"Make provision for new, high quality, publicly accessible multi-functional green and blue infrastructure including the integration and enhancement of existing features such as Brightly Brook, Whittle Brook and Castle Brook"*.
- 3.16. Where existing trees, hedgerows and woodland areas are located within the proposed undeveloped areas of the Parameters Plan, these are all shown to be retained.

⁹ Construction Industry Research and Information Association (2019). Biodiversity Net Gain – Principles and Guidance for UK construction and developments.

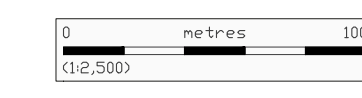
Appendix 1: Proposed Parameter Plans





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- KEY
- Boundaries**
- Application Boundary
 - Application Plot
- Developable Areas and Uses**
- Developable Area 1**
(Application Plots C, D and F)
This may include land use classes: B2, B8 and E(g)(i-iii)
 - Developable Area 2**
(Application Plots A, B and E)
This may include land use classes: B2, B8, C1, E(a-b), E(g)(i-iii), E(d-f), E(g)(i-iii), F1(a), F2(a-c) and Sui Generis Uses (in accordance with the Development Specification)
- Maximum Quantum of Development**
Employment Uses: Up to 625,000 sqm.
(Incl. B2, B8 and E(g)(i-iii))
Other Uses: Up to 2,300 sqm.
(Incl. C1, E(a-b), E(g)(i-iii), E(d-f), F1(a), F2(a-c) and Sui Generis Uses)
- Developable Areas**
(incl. earthworks access, cycleway and footpath line, and other mitigation and associated works)
- Peripheral Landscape Buffer
 - Temporary Peripheral Landscape Buffer
 - Landscape Mitigation Area
 - Building Proximity Offset
- Non-Developable Areas**
- Wetland Habitat Corridor (Bridge crossings only)
 - Build Over Easements (Access only)
- Other**
- Existing Building (To be demolished)
 - Location of Primary Access



CLIENT Northern Gateway Development Vehicle	
PROJECT Northern Gateway	
DRAWING Parameter Plan 1: Uses	
PROJECT NUMBER NORM3018	
DRAWING NUMBER 20_01	CHECKED BY TJ & NW
REVISION C	STATUS Final
DATE December 2024	SCALE 1:2,500 @ A0

Appendix 2: Planning Policy Context

Table 3: National and Local Planning Policy Relating to Trees

Policy Document	Policy References	Policy Wording / Description
National Planning Policy Framework (NPPF) (2024)	Section 12, paragraph 136	"Trees make an important contribution to the character and quality of urban environments, and can also help mitigate and adapt to climate change. Planning policies and decisions should ensure that new streets are tree-lined, that opportunities are taken to incorporate trees elsewhere in developments (such as parks and community orchards), that appropriate measures are in place to secure the long-term maintenance of newly-planted trees, and that existing trees are retained wherever possible. Applicants and local planning authorities should work with highways officers and tree officers to ensure that the right trees are planted in the right places, and solutions are found that are compatible with highways standards and the needs of different users"
	Section 15, paragraph 187	"Planning policies and decisions should contribute to and enhance the natural and local environment by: (b) recognising the intrinsic character and beauty of the countryside, and the wider benefits from natural capital and ecosystem services – including the economic and other benefits of the best and most versatile agricultural land, and of trees and woodland;"
	Section 15, paragraph 188	"Plans should: take a strategic approach to maintaining and enhancing networks of habitats and green infrastructure; and plan for the enhancement of natural capital at a catchment or landscape scale across local authority boundaries."
	Section 15, paragraph 193	"When determining planning applications, local planning authorities should apply the following principles: (c) development resulting in the loss or deterioration of irreplaceable habitats (such as ancient woodland and ancient or veteran trees) should be refused, unless there are wholly exceptional reasons and a suitable compensation strategy exists;"



Places for Everyone Joint Development Plan 2022 to 2039 Adopted with effect from 21 March 2024	Policy JP Allocation 1.1: Heywood / Pilsworth (Northern Gateway)	The policy states that: Development at this allocation will be required to: 1. Be in accordance with a comprehensive masterplan, design code and infrastructure phasing and delivery strategy, in line with Policy JP-D1 'Infrastructure Implementation', that has been agreed with the local planning authorities; 2. Be of sufficient scale and quality to enable a significant rebalance in economic growth within the sub-region by boosting the competitiveness of the north of the conurbation and should: - Deliver a total of around 1,200,000 sqm of industrial and warehousing space (with around 935,000 sqm being delivered within the plan period). This should comprise a mix of high quality employment premises in an attractive business park setting in order to appeal to a wide range of business sectors including the development of an Advanced Manufacturing Park; - Deliver around 1,000 additional homes along with a new primary school in the eastern part of the allocation to support the early delivery of the infrastructure and provide a buffer between existing housing and the new employment development; - Deliver around 200 new homes, which includes an appropriate mix of house types and sizes and the provision of plots for custom and self-build housing (subject to local demand, having regard to Bury's self-build register and other relevant evidence), in the west of the allocation off Castle Road ensuring that an appropriate buffer is incorporated to separate this part of the allocation from the wider employment area and that appropriate highways measures are in place to prevent the use of residential roads by traffic associated with the wider employment area; - Deliver an appropriate range of supporting and ancillary services and facilities, such as a new local centre, hotel, leisure and conference facilities. These should be in accessible locations and of a genuinely ancillary scale that is appropriate to the main employment use of the allocation; 3. Make provision for new and improved sustainable transport and highways infrastructure having regard to the indicative transport interventions set out in Appendix D in accordance with Policy JP-C8; 4. Make provision for affordable housing in accordance with local planning policy requirements; 5. Make financial contributions for offsite additional primary and secondary school provision to meet needs generated by the development in accordance with policy JP-P5;
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		6. Ensure the design and layout allows for effective integration with surrounding communities, including active travel links and connections to local services, employment opportunities and over the M62 to proposed new development at Simister/Bowlee (JPA1.2); 7. Retain and enhance existing recreation facilities (including Unsworth Academy playing fields and Pike Fold Golf Course) or, where necessary, make provision for replacement facilities that are equivalent or better in terms of quantity and quality and in a suitable location; 8. Make provision for new, high quality, publicly accessible multi-functional green and blue infrastructure including the integration and enhancement of existing features such as Brightly Brook, Whittle Brook and Castle Brook; 9. Make provision for compensatory improvements to the environmental quality and accessibility of remaining Green Belt in the vicinity of the site in accordance with Policy JP-G2; 10. Strengthen the boundary of the Green Belt to the north of the site around Pilsworth Cottages, Brightly Brook and Pilsworth Fisheries such that they will comprise physical features that are readily recognisable and likely to be permanent; 11. Ensure that any development is safe from and mitigates for potential flood risk from all sources including Whittle Brook, Castle Brook and Brightley Brook and does not increase the flood risk elsewhere. The delivery of the allocation should be guided by an appropriate flood risk and drainage strategy which ensures co-ordination between phases of development; 12. Provide an appropriate buffer between the development and the motorway/local road network where required to serve multiple functions including air quality, noise, visual mitigation and high-quality landscaping; 13. Take appropriate account of relevant heritage assets, and their settings, including Brick Farmhouse and Lower Whittle Farmhouse Grade II Listed Buildings in accordance with Policy JP-P2; 14. Carry out a detailed assessment and evaluation of known and potential archaeological sites including Meadow Croft Farm, historic landscape features and built heritage assets, to establish specific requirements for the protection and enhancement of significant heritage assets; 15. Consider the extraction of any viable mineral resources within Mineral Safeguarding Areas, in accordance with Policy 8 of the Greater Manchester Joint Minerals
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		Development Plan (or any relevant policies in subsequent minerals plans); and 16. Undertake hydrological and ground investigations to determine the extent and quality of any peat identified in the south-western part of the site to inform the potential for restoration and the comprehensive masterplanning of the site which should ensure that the loss or deterioration of any irreplaceable habitat is avoided.
Bury Unitary Development Plan (UDP)	EN6 - Conservation of The Natural Environment	The policy states that <i>"The Council will retain, protect and enhance the natural environment of the Borough, particularly in relation to areas of ecological, wildlife and geological importance."</i>
	EN6/4 - Wildlife Links and Corridors	<i>"The Council will seek to consolidate and, where appropriate, strengthen wildlife links and corridors, and will not permit development which would adversely affect identified areas. In particular, the Council will seek to ensure that new development within or adjacent to identified links or corridors contributes to their effectiveness through the design, landscaping and siting of development proposals and mitigation works, where appropriate."</i>
	EN8 - Woodland and Trees	The policy states that <i>"The Council will support the retention of trees, woods, copses and hedgerows and encourage natural regeneration and new and replacement tree planting throughout the Borough."</i>
	EN8/1 - Tree Preservation Orders	<i>"The Council will make Tree Preservation Orders where they are needed to protect trees and woodlands."</i>
	EN8/2 - Woodland and Tree Planting	<i>"The Council will support and encourage new woodland and tree planting in the Borough. In considering development proposals, the Council will encourage the planting of hedges, trees and woodlands using locally native species."</i>
	EN9 - Landscape	The policy states that <i>"The Council will seek to protect, conserve and improve the landscape quality of the Borough, and will encourage the enhancement of landscapes, where appropriate."</i>
Rochdale Borough Local Plan Core Strategy (October 2016)	Policy G6 - Enhancing green infrastructure	Addressing Urban areas and new development the policy states that <i>"the focus will be on incorporating green infrastructure into new development, sustainable urban drainage, increasing the number of street trees, greening housing areas and main roads, developing new green spaces, and incorporating green roofs and walls in new development."</i> , seeking to <i>"avoid the loss of existing urban greenspace or features e.g. trees unless suitable alternative provision is made, it has limited value, and its development or change of use will help to meet other sustainability or local regeneration objectives;"</i>



		The policy adds that development is to <i>"protect ancient woodlands and hedgerows, support new woodland and tree planting in new developments, and replace removed trees from a site at a ratio of 2:1"</i>
	G7 - Increasing the value of biodiversity and geodiversity	The policy states that development is expected to <i>"Protect and enhance existing features such as peatland, ponds, wetlands, reservoirs, mill lodges, trees, hedges, wooded areas, meadows, flora and fauna;"</i>



Appendix 3: Tree Survey Methodology, Constraints Mapping and Limitations

Field Work

- A3.1. In accordance BS5837, the tree survey included all trees within / in influence of the site and the site boundaries that were over 75mm diameter at breast height (1.5m).
- A3.2. Measured topographical survey data (supplied by others) was used to inform tree locations their surrounding context. Any trees not identified on the topographical survey are prefixed with (*) and their locations have been approximated using measurements during the tree survey and further informed by aerial photography where required.
- A3.3. The trees surveyed were visually inspected from ground level only. No invasive investigations or climbing inspections were necessary to confirm visual or audible signs of defect or debility and no tissue or soil samples were undertaken. For further clarification please refer to the tree survey explanatory notes in below.

Tree Numbers

'T' prefixes have been used to identify individual trees and commence with 'T1'.

'G' prefixes have been used to identify groups of trees.

'H' prefixes have been used to identify hedgerows.

'W' prefixes have been used to identify woodlands.

Species

- A3.4. Species are listed by their common name, both in the schedule and in the report text.

Height and Stem Diameter

- A3.5. The stem diameter is measured at 1.5m above ground level and given in millimetres (mm). Tree heights are measured in metres (m) using a clinometer where access and land topography allowed. In instances where access to tree's stem and height measurements were not possible, the dimensions have been estimated by eye.

Crown Spread and Height of Crown Clearance

- A3.6. Radial crown spread is measured in metres and is listed for each of the four cardinal points where access has been possible to obtain a measurement. Where access was not possible to measure the spread of the canopy, such distances have been estimated by eye or informed by aerial photography.



- A3.7. The measured canopy shapes have been plotted on the **Tree Constraints Plan** at the four cardinal points. For groups of trees, the extent of the canopy has been measured as an average across the group and plotted using the topographical survey mapping. In some instances, Tyler Grange will use aerial photography to inform the canopy spread of larger tree groups and woodlands where topographical data is limited for such features.
- A3.8. The distance between the ground level and the first significant branch or radial tree crown, whichever is the lower, has been measured in metres.

Age Class

- A3.9. The age of each tree is defined as follows:

Young - within the first third of reaching full maturity;

Semi-Mature - within the second third of reaching full maturity;

Early-Mature - within the last third of reaching full maturity;

Mature - specimen at full maturity; and

Veteran – tree that, by recognised criteria, shows features of biological, cultural or aesthetic value that are characteristic of, but not exclusive to, individuals surviving beyond the typical age range for the species concerned.

Physiological and Structural Condition

- A3.10. The physiological or structural condition of each tree is defined as either; good, fair, poor or dead. For each tree, where appropriate, notes on the structural integrity are provided on form, taper, forking habit, storm damage, decay, fungi, pests, etc.

- A3.11. An assessment of a tree's physiological condition is defined as:

Good – fully functioning biological system showing expectant vitality for the species i.e. normal bud growth, leaf size, crown density and wound closure.

Fair – fully functioning biological system showing below average vitality i.e. reduced bud growth, smaller leaf size, lower crown density and reduced wound closure.

Poor – a biological system with limited functionality showing clear physiological decline, disease or significantly below average vitality i.e. limited bud growth, small and chlorotic leaves, low crown density and limited wound closure.

Dead – tree observed to fully dead with no living parts.

- A3.12. An assessment of a tree's structural condition is defined as:

Good – no significant structural defects.

Fair – structural defects which could be alleviated through remedial tree surgery or arboricultural management practices



Poor – structural defects which cannot be alleviated through tree surgery or arboricultural management practices.

Tree Quality Gradings

- A3.13. The value of trees have been assessed in accordance with the BS5837 Cascade Chart for Tree Quality Assessment (See **Appendix 4**). Grading subcategories (1, 2 and 3) reflect arboricultural, landscape and cultural values respectively.

Root Protection Areas

- A3.14. The **Tree Constraints Plan** shows the approximate extent of Root Protection Areas (RPAs). The RPAs have been plotted and calculated in accordance with the methodology set out in Appendices C and D of BS5837, using the tree stem diameter dimensions obtained during the site visit.
- A3.15. Plotted RPAs serve as a layout design tool indicating the minimum area around a tree deemed to contain sufficient roots and rooting volume to maintain the tree's viability, and where the protection of the roots and soil structure is treated as a priority.
- A3.16. Where pre-existing site conditions or other factors indicate that rooting may occur asymmetrically, a polygon of equivalent area should be produced. Modifications to the shape of the RPA should reflect a soundly based arboricultural assessment of likely root distribution observed on-site. Any deviation in the RPA from the original circular plot should take account of the following factors whilst still providing adequate protection for the root system:
- a) the morphology and disposition of the roots, when influenced by past or existing site conditions (e.g. the presence of roads, structures and underground apparatus);
 - b) topography and drainage;
 - c) the soil type and structure;
 - d) the likely tolerance of the tree to root disturbance or damage, based on factors such as species, age, condition and past management.
- A3.17. The plotted RPAs have therefore informed the design of the proposed development where possible. While developing within RPAs should be avoided, special working methods can be adopted to alleviate the RPA disturbance for cases where the development is considered necessary and unavoidable.

Tree Canopies and Shading

- A3.18. The distribution of tree canopy cover on and within influence of the site is illustrated on the **TCP**. Canopies have been plotted at cardinal points for individual and groups of trees. The Tree Survey Schedule included at **Appendix 5** to the rear of this report lists the vertical clearance from site ground level to significant tree branching of individual trees. This measurement informs the impacts of accessibility and development beneath tree canopies.



- A3.19. The principal tree shadow constraints are shown on the **TCP** and have been plotted in accordance with BS5837 using the current height of surveyed trees. The indicative shade cast by existing surveyed trees signifies the area within which the amenity interests of shading, available daylight and the proximity of trees to any future site uses may be impacted upon should a tree be retained as part of development.
- A3.20. Where shading is unavoidable, the potential adverse impact of shadowing should also be reviewed on balance with the positive aspects of retaining a degree of canopy shade. BS5837:2012 (para. 5.3.4, a) NOTE 1) states that "shading can be desirable to reduce glare or excessive solar heating, or to provide comfort during hot weather. The combination of shading, wind speed/turbulence reduction and evapotranspiration effects of trees can be utilised in conjunction with the design of buildings and spaces to provide local microclimatic benefits".

Limitations

- A3.21. The comments made are based on observable factors present at the time of inspection. Although the health and stability of trees in their current context is an integral part of their suitability for retention, it must be understood that this report is not a tree risk assessment and should not be construed as such. While every attempt has been made to provide a realistic and accurate assessment of the trees' condition at the time of inspection, it may have not been appropriate, or possible, to view all parts or all sides of every tree to fulfil the assessment criteria of a risk assessment.
- A3.22. No tree can be considered entirely safe, given the possibility that exceptionally strong winds could damage or uproot even a mechanically 'perfect' specimen. It is therefore usually accepted that hazards are only recognisable from distinct defects or from other failure-prone characteristics of the tree or the site. An assessment of the potential influence of trees upon existing buildings or other structures resulting from the effects of trees upon shrinkable load-bearing soils or the effects of incremental root or branch growth, are specifically excluded from this report.

Un-assessable Risks

- A3.23. Any alteration to the application site or development proposals could change the current circumstances and may invalidate this report and any recommendations made.
- A3.24. The Wildlife and Countryside Act (WCA) 1981 (as amended) makes it an offence to disturb nesting birds or recklessly endanger a bat or its roost. Bats are also a European protected species and are additionally protected under the Conservation (Habitats & c) Regulations 1994 and 2010 (as amended). The survey findings, constraints, opportunities and design or mitigation recommendations included within that report must be read alongside this document.
- A3.25. A lack of recommended work does not imply that a tree does not pose an unacceptable level of risk and likewise, it should not be implied that a tree will present an acceptable level of risk following the completion of any recommended work.



Appendix 4: BS 5837:2012 Cascade Chart for Tree Quality Assessment

TREES FOR REMOVAL				
Category and Definition	Criteria			Identification on Plan
Category U Those in such a condition that they cannot realistically be retained as living trees in the context of the current land use for longer than 10 years	• Trees that have a serious, irremediable, structural defect, such that their early loss is expected due to collapse, including those that will become unviable after removal of			DARK RED
	• Trees that are dead or are showing signs of significant, immediate, and irreversible overall decline.			
	• Trees infected with pathogens of significance to the health and/or safety of other trees nearby or very low-quality trees suppressing adjacent trees of better quality. (NOTE: Category U trees can have existing or potential conservation value which it might be desirable to preserve)			
TREES TO BE CONSIDERED FOR RETENTION				
Category and Definition	Criteria - Subcategories			Identification on Plan
	1. Mainly Arboricultural Values	2. Mainly Landscape Values	3. Mainly Cultural Values, including Conservation	
Category A Trees of high quality with an estimated remaining life expectancy of at least 40 years	Trees that are particularly good examples of their species, especially if rare or unusual; or those that are essential components of groups or formal or semi-formal arboricultural features (e.g. the dominant and/or principal trees within an avenue)	Trees, groups or woodlands of particular visual importance as arboricultural and/or landscape features	Trees, groups or woodlands of significant conservation, historical, commemorative or other value (e.g. veteran trees or wood-pasture)	LIGHT GREEN
Category B Trees of moderate quality with an estimated remaining life expectancy of at least 20 years	Trees that might be included in category A, but are downgraded because of impaired condition (e.g. presence of significant though remedial defects, including unsympathetic past management and storm damage), such that they are unlikely to be suitable for retention for beyond 40 years; or trees lacking the special quality necessary to merit the category A	Trees present in numbers, usually growing as groups or woodlands, such that they attract a higher collective rating than they might as individuals; or trees occurring as collectives but situated so as to make little visual contribution to the wider locality	Trees with material conservation or other cultural benefits.	MID BLUE
Category C Trees of low quality with an estimated remaining life expectancy of at least 10 years, or young trees with a stem diameter below 150mm	Unremarkable trees of very limited merit or such impaired condition that they do not qualify in higher categories	Trees present in groups or woodlands, but without this conferring on them significantly greater collective landscape value; and/or trees offering low or temporary/transient landscape benefit.	Trees with no material conservation or other cultural value.	GREY



Appendix 5: Tree Survey Schedule



Tree Number	Common Species Name	Height (m)	Stem Diameter	Crown Spread (m)				Height of Crown Clearance (m)	Age Class	Physiological Condition	Structural Condition	BS5837 Category	Comments/Preliminary Management Recommendations	RPA Radius (m)	Root Protection Area (m2)
				N	E	S	W								
T1	Common ash	6m	130	3.00	3.00	3.00	3.00	4.00	Young	Fair	Good	C1, 2	Young specimen located on the northeast boundary of parcel A. Single stem with a small radial canopy. Specimen is of limited arboricultural merit.	1.5	7.1
T2	Common ash	10m	250	3.00	3.00	3.00	3.00	4.00	Young	Fair	Good	C1, 2	Young specimen located on the northeast boundary of parcel A. Single stem with a small radial canopy. Specimen is of limited arboricultural merit.	3.0	28.3
T3	Common ash	6m	200	3.00	3.00	3.00	3.00	4.00	Young	Fair	Good	C1, 2	Young specimen located on the northeast boundary of parcel A. Single stem with a small radial canopy. Specimen is of limited arboricultural merit.	2.4	18.1
T4	Common ash	5m	180	3.00	3.00	3.00	3.00	2.50	Young	Fair	Good	C1, 2	Young specimen located on the northeast boundary of parcel A. Single stem with a small radial canopy. Specimen is of limited arboricultural merit.	2.1	13.9
T5	Common ash	6m	125	3.00	3.00	3.00	3.00	2.50	Young	Dead	Poor	U1, 2	Young specimen located on the northeast boundary of parcel A. Single stem with a small radial canopy. Specimen is of limited arboricultural merit.	1.5	7.1
T6	Common ash	6m	163	3.00	3.00	3.00	3.00	2.50	Young	Fair	Good	C1, 2	Young specimen located on the northeast boundary of parcel A. Single stem with a small radial canopy. Specimen is of limited arboricultural merit.	2.1	13.9
T7	Common ash	11m	308	3.00	3.00	3.00	3.00	2.50	Young	Fair	Good	C1, 2	Young specimen located on the northeast boundary of parcel A. Single stem with a small radial canopy. Specimen is of limited arboricultural merit.	3.6	40.7
T8	Common ash	6m	110	3.00	3.00	3.00	3.00	4.00	Young	Fair	Good	C1, 2	Young specimen located on the northeast boundary of parcel A. Single stem with a small radial canopy. Specimen is of limited arboricultural merit.	1.5	7.1
T9	Common ash	6m	130	3.00	3.00	3.00	3.00	4.00	Young	Fair	Good	C1, 2	Young specimen located on the northeast boundary of parcel A. Single stem with a small radial canopy. Specimen is of limited arboricultural merit.	1.5	7.1

Tree Number	Common Species Name	Height (m)	Stem Diameter	Crown Spread (m)				Height of Crown Clearance (m)	Age Class	Physiological Condition	Structural Condition	BS5837 Category	Comments/Preliminary Management Recommendations	RPA Radius (m)	Root Protection Area (m2)
				N	E	S	W								
T10	Common ash	8m	221	3.00	3.00	3.00	3.00	4.00	Young	Fair	Good	C1, 2	Young specimen located on the northeast boundary of parcel A. Single stem with a small radial canopy. Specimen is of limited arboricultural merit.	2.7	22.9
T11	Common ash	6m	120	3.00	3.00	3.00	3.00	4.00	Young	Fair	Good	C1, 2	Young specimen located on the northeast boundary of parcel A. Single stem with a small radial canopy. Specimen is of limited arboricultural merit.	1.5	7.1
T12	Common ash	6m	381	4.00	4.00	4.00	4.00	4.00	Young	Fair	Good	C1, 2	Young specimen located on the northeast boundary of parcel A. Single stem with a small radial canopy. Specimen is of limited arboricultural merit.	4.5	63.6
T13	Common ash	13m	990	8.00	9.00	8.00	9.00	6.00	Mature	Good	Good	C1, 2	Mature specimen located within parcel A, towards the northwest boundary. Single stem forms structural canopy at c.5m. Specimen has a lean with a biased to the east. Epicormic growth associated with the scaffold, minor deadwood associated with the canopy. Tree otherwise appears healthy with moderate future potential.	12.0	452.4
T14	Sycamore	13m	575	7.00	7.00	2.00	7.00	3.00	Early-mature	Good	Good	B1, 2	Early mature specimen located within parcel A. Component of H23. Single stem. Dense epicormic growth associated with the base. Growing in close proximity to neighbouring specimen, forming a common cohesive canopy. Specimen has good shape and form with moderate future potential.	6.9	149.6
T15	Sycamore	13m	575	2.00	7.00	7.00	7.00	3.00	Early-mature	Good	Good	B1, 2	Early mature specimen located within parcel A. Component of H23. Single stem. Dense epicormic growth associated with the base. Growing in close proximity to neighbouring specimen, forming a common cohesive canopy. Specimen has good shape and form with moderate future potential.	6.9	149.6

Tree Number	Common Species Name	Height (m)	Stem Diameter	Crown Spread (m)				Height of Crown Clearance (m)	Age Class	Physiological Condition	Structural Condition	BS5837 Category	Comments/Preliminary Management Recommendations	RPA Radius (m)	Root Protection Area (m2)
				N	E	S	W								
T16	Goat willow	7m	380	5.00	5.00	5.00	5.00	3.00	Semi-mature	Good	Good	C1, 2	Semi mature specimen located within parcel A. Component of H29. Specimen is of low arboricultural merit.	4.5	63.6
T17	Pedunculate oak	7m	295	4.00	4.00	4.00	4.00	3.00	Semi-mature	Good	Good	C1, 2	Semi mature specimen located within parcel A. Component of H29. Specimen is of low arboricultural merit.	3.6	40.7
T18	Pedunculate oak	10m	430	5.00	5.00	5.00	6.00	3.00	Semi-mature	Good	Good	C1, 2	Semi mature specimen located within parcel A. Component of H33. Specimen appears healthy with good future potential.	5.1	81.7
T19	Pedunculate oak	10m	415	5.00	5.00	6.00	5.00	3.00	Semi-mature	Good	Good	C1, 2	Semi mature specimen located within parcel A. Component of H33. Specimen appears healthy with good future potential.	5.1	81.7
T20	Pedunculate oak	10m	670	6.50	6.50	6.50	6.50	3.00	Semi-mature	Good	Good	B1, 2	Semi mature specimen located within parcel A. Component of H32. Single stem, bifurcates at c.1.5m. Epicormic growth associated with the scaffold, minor deadwood associated with the canopy. Snapped branches present within the canopy. Specimen appears healthy with good future potential.	8.1	206.1
T21	Crack willow	6m	250	3.00	3.00	3.00	3.00	1.00	Young	Good	Good	C1, 2	Young group located within a field within parcel A, group comprises small specimens of limited arboricultural merit.	3.0	28.3
T22	Pedunculate oak	15m	675	4.00	6.00	6.00	6.00	5.00	Mature	Good	Good	B1, 2	Mature specimen located on field edge, within parcel A. Situated within H38. Single stem, forms structural canopy at c.6m. Minor epicormic growth associated with the scaffold, moderate deadwood associated with the canopy. Specimen appears healthy with good future potential.	8.1	206.1
T23	Common ash	8m	375	3.00	3.00	3.00	3.00	4.00	Semi-mature	Fair	Fair	C1, 2	Semi mature specimen located on field edge, within parcel A. Situated within H39. Single stem, forms structural canopy at c.1m. Epicormic growth associated with the scaffold, minor deadwood associated with the canopy. Specimen is of limited arboricultural merit.	4.5	63.6

Tree Number	Common Species Name	Height (m)	Stem Diameter	Crown Spread (m)				Height of Crown Clearance (m)	Age Class	Physiological Condition	Structural Condition	BS5837 Category	Comments/Preliminary Management Recommendations	RPA Radius (m)	Root Protection Area (m2)
				N	E	S	W								
T24	Leylandii	5m	230	3.00	3.00	3.00	3.00	2.00	Semi-mature	Fair	Fair	C1, 2	Semi mature specimen located on field edge, within parcel A. Situated on the edge of Moss Hall Road. Specimen is of limited arboricultural merit.	2.7	22.9
T25	Sycamore	10m	430	3.00	6.00	6.00	6.00	1.00	Semi-mature	Fair	Good	C1, 2	Semi mature specimen located on field edge, within parcel A. Growing in close proximity to neighbouring specimen, forming a common cohesive canopy. Single stem, forms structural canopy at c.3m. Epicormic growth associated with the scaffold, minor deadwood associated with the canopy. Specimen appears healthy with moderate future potential.	5.1	81.7
T26	Sycamore	10m	430	6.00	6.00	3.00	6.00	1.00	Semi-mature	Fair	Good	C1, 2	Semi mature specimen located on field edge, within parcel A. Growing in close proximity to neighbouring specimen, forming a common cohesive canopy. Single stem, forms structural canopy at c.3m. Epicormic growth associated with the scaffold, minor deadwood associated with the canopy. Specimen appears healthy with moderate future potential.	5.1	81.7
T27	Goat willow	10m	550	5.00	6.00	5.00	5.00	4.50	Early-mature	Good	Good	C1, 2	Early mature specimen located within parcel A. Single stem, forms structural canopy at c.2.5m. Radial canopy with good shape and form. Specimen is of low arboricultural merit.	6.6	136.8
T28	Sycamore	6m	160	3.00	3.00	3.00	2.00	1.00	Young	Good	Good	C1, 2	Young specimen located within parcel A. Small self set specimen, of limited arboricultural merit.	1.8	10.2
T29	Elder	6m	210	3.00	3.00	3.00	3.00	1.00	Young	Poor	Fair	C1, 2	Young specimen located within parcel A. Small self set specimen, of limited arboricultural merit.	2.4	18.1
T30	Sycamore	8m	390	5.00	5.00	5.00	5.00	3.00	Semi-mature	Good	Good	C1, 2	Young specimen located within parcel A. Small self set specimen, of limited arboricultural merit.	4.8	72.4
T31	Horse chestnut	9m	510	4.00	4.00	4.00	4.00	3.00	Semi-mature	Good	Good	C1, 2	Semi mature specimen located within parcel A. Situated within H48. Single stem, forms structural canopy at c.2.5m. Radial canopy with good shape and form. Moderate future potential.	6.0	113.1

Tree Number	Common Species Name	Height (m)	Stem Diameter	Crown Spread (m)				Height of Crown Clearance (m)	Age Class	Physiological Condition	Structural Condition	BS5837 Category	Comments/Preliminary Management Recommendations	RPA Radius (m)	Root Protection Area (m2)
				N	E	S	W								
T32	Horse chestnut	6m	298	4.00	4.00	4.00	4.00	3.00	Semi-mature	Good	Good	C1, 2	Semi mature specimen located within parcel A. Situated within H48. Single stem, forms structural canopy at c.2.5m. Radial canopy with good shape and form. Moderate future potential.	3.6	40.7
T33	Common hawthorn	4m	90	3.00	3.00	3.00	3.00	1.00	Young	Fair	Good	C1, 2	Young specimen located within parcel A towards the western boundary of the site. Small specimen of limited arboricultural merit.	1.5	7.1
T34	Common hawthorn	5m	110	4.00	4.00	4.00	4.00	1.00	Young	Fair	Good	C1, 2	Young specimen located within parcel A towards the western boundary of the site. Small specimen of limited arboricultural merit.	1.5	7.1
T35	Common hawthorn	4m	110	3.00	3.00	3.00	3.00	1.00	Young	Fair	Good	C1, 2	Young specimen located within parcel A. Small specimen of limited arboricultural merit.	1.5	7.1
T36	Common hawthorn	4m	145	4.00	4.00	4.00	4.00	1.00	Young	Fair	Good	C1, 2	Young specimen located within parcel A. Small specimen of limited arboricultural merit.	1.8	10.2
T37	Common hawthorn	5m	180	5.00	5.00	5.00	5.00	1.00	Young	Fair	Good	C1, 2	Young specimen located within parcel A. Small specimen of limited arboricultural merit.	2.1	13.9
T38	Wild cherry	7m	265	5.00	5.00	5.00	5.00	2.50	Semi-mature	Good	Good	C1, 2	Semi mature specimen located within parcel A. Single stem, forms structural canopy at c.2.5m. Small radial canopy with good shape and form, specimen of moderate future potential.	3.3	34.2
T39	Goat willow	5m	175	5.00	5.00	5.00	5.00	2.50	Young	Good	Good	C1, 2	Young specimen located within parcel A. Small specimen of limited arboricultural merit.	2.1	13.9
T40	Pedunculate oak	6m	245	4.00	4.00	4.00	4.00	2.50	Semi-mature	Good	Good	C1, 2	Young specimen located within parcel A. Single stem, forms structural canopy at c.3m. Small radial canopy with good shape and form and good future potential.	3.0	28.3
T41	Common hawthorn	4m	245	0.00	3.00	3.00	3.00	2.50	Semi-mature	Good	Good	C1, 2	Semi mature specimen located within parcel A. Single stem, forms structural canopy at c.3m. Small radial canopy. Of limited arboricultural merit.	3.0	28.3
T42	Pedunculate oak	6m	245	0.00	3.00	3.00	3.00	2.50	Semi-mature	Good	Good	C1, 2	Semi mature specimen located within parcel A. Small radial canopy. Of limited arboricultural merit.	3.0	28.3

Tree Number	Common Species Name	Height (m)	Stem Diameter	Crown Spread (m)				Height of Crown Clearance (m)	Age Class	Physiological Condition	Structural Condition	BS5837 Category	Comments/Preliminary Management Recommendations	RPA Radius (m)	Root Protection Area (m2)
				N	E	S	W								
T43	Pedunculate oak	5m	225	0.00	3.00	3.00	3.00	2.50	Semi-mature	Good	Good	C1, 2	Semi mature specimen located within parcel A. Small radial canopy. Of limited arboricultural merit.	2.7	22.9
T44	Common hawthorn	4m	200	2.00	2.00	2.00	2.00	2.50	Semi-mature	Good	Good	C1, 2	Semi mature specimen located within parcel A. Single stem, forms structural canopy at c.3m. Small radial canopy. Of limited arboricultural merit.	2.4	18.1
T45	Common hawthorn	4m	200	3.00	3.00	3.00	3.00	2.50	Semi-mature	Good	Good	C1, 2	Semi mature specimen located within parcel A. Single stem, forms structural canopy at c.3m. Small radial canopy. Of limited arboricultural merit.	2.4	18.1
T46	Goat willow	4m	190	0.00	3.00	3.00	3.00	2.50	Semi-mature	Good	Good	C1, 2	Semi mature specimen located within parcel A. Small radial canopy. Of limited arboricultural merit.	2.4	18.1
T47	Pedunculate oak	10m	610	8.00	8.00	8.00	10.00	4.00	Early-mature	Good	Good	B1, 2	Early mature specimen located within parcel A. Component of H60. Single stem, bifurcates at c.4m. Epicormic growth associated with the scaffold, minor deadwood associated with the canopy. Small canopy with good shape and form. Specimen appears healthy with good future potential.	7.2	162.9
T48	Pedunculate oak	14m	980	8.00	8.00	8.00	10.00	4.00	Mature	Good	Good	B1, 2	Early mature specimen located within parcel A. On the southeast boundary of the site. Single stem, forms structural canopy at c.6m Epicormic growth associated with the scaffold, minor deadwood associated with the canopy. Radial canopy with good shape and form. Specimen appears healthy with good future potential.	11.7	430.1
T49	Goat willow	5m	205	4.00	3.00	3.00	3.00	1.50	Young	Good	Fair	C1, 2	Young specimen located within parcel A towards the southeast boundary of the site. Small specimen of limited arboricultural merit.	2.4	18.1
T50	Himalayan birch	10m	425	4.00	4.00	4.00	4.00	4.50	Semi-mature	Good	Good	C1, 2	Semi mature specimen located within parcel B. Growing in front garden of property towards the north. Specimen appears healthy with moderate future potential.	5.1	81.7
T51	Sycamore	15m	500	6.50	6.50	6.50	6.50	4.00	Early-mature	Good	Good	C1, 2	Early mature specimen located within parcel B. Situated within rear garden of property towards the south.	6.0	113.1

Tree Number	Common Species Name	Height (m)	Stem Diameter	Crown Spread (m)				Height of Crown Clearance (m)	Age Class	Physiological Condition	Structural Condition	BS5837 Category	Comments/Preliminary Management Recommendations	RPA Radius (m)	Root Protection Area (m2)
				N	E	S	W								
T52	Sycamore	8m	320	4.00	4.00	4.00	4.00	5.00	Semi-mature	Good	Fair	C1, 2	Semi mature specimen located within parcel B. Situated within rear garden of property towards the south.	3.9	47.8
T53	Sycamore	8m	220	4.00	4.00	4.00	4.00	5.00	Semi-mature	Good	Fair	C1, 2	Semi mature specimen located within parcel B. Situated within rear garden of property towards the south.	2.7	22.9
T54	Sycamore	8m	320	3.00	3.00	3.00	3.00	5.00	Semi-mature	Good	Fair	C1, 2	Semi mature specimen located within parcel B. Situated within rear garden of property towards the south.	3.9	47.8
T55	Leylandii	8m	515	5.00	5.00	5.00	5.00	5.00	Semi-mature	Good	Fair	C1, 2	Semi mature specimen located within parcel B. Situated within rear garden of property towards the south.	6.3	124.7
T56	Pedunculate oak	10m	850	9.50	9.50	9.50	9.50	4.00	Mature	Good	Good	B1, 2	Mature specimen located within parcel C of moderate future potential.	10.2	326.9
T57	Common hawthorn	5m	215	4.00	4.00	4.00	4.00	1.00	Semi-mature	Fair	Good	C1, 2	Semi mature specimen located within parcel D. Small specimen of limited arboricultural merit.	2.7	22.9
T58	Silver birch	6m	440	4.00	4.00	4.00	4.00	2.00	Semi-mature	Good	Good	C1, 2	Semi mature specimen located within parcel D. Small specimen of moderate future potential.	5.4	91.6
T59	Sycamore	12m	710	4.50	4.50	4.50	4.50	3.00	Semi-mature	Fair	Fair	C1, 2	Semi mature specimen located within parcel D. Single stem, signs of root damage on the southern side of the tree. Tight union formed at c.1.5m. Radial canopy with signs of dieback. Specimen is of limited arboricultural merit.	8.4	221.7
G1	Sycamore, Common hawthorn, Common ash, Pedunculate oak, Goat willow	4.5-15	90-685	5.00	5.00	5.00	5.00	2.00	Semi-mature	Fair	Good	C1, 2	Semi mature group located in parcel A, on the eastern boundary. Part of the group located along the field edge adjacent to Whittle Lane forms a common cohesive canopy. The remaining part of the group is situated within the field. Specimens within group are single stemmed trees as well as some understory shrubbery, group provides a moderate boundary screen from Whittle Lane. Group is of limited arboricultural merit.	8.1	206.1

Tree Number	Common Species Name	Height (m)	Stem Diameter	Crown Spread (m)				Height of Crown Clearance (m)	Age Class	Physiological Condition	Structural Condition	BS5837 Category	Comments/Preliminary Management Recommendations	RPA Radius (m)	Root Protection Area (m2)
				N	E	S	W								
G2	Common hawthorn, Wild cherry, Pedunculate oak, Goat willow, Elder	4.5-12	90-350	4.50	4.50	4.50	4.50	1.00	Semi-mature	Fair	Good	C1, 2	Semi mature group located in parcel A, on the eastern boundary. Part of the group located along the field edge adjacent to Whittle Lane, and running southwest along the edge of the field, forms a common cohesive canopy. Specimens within group are single stemmed, some standing dead specimens present within the group. Group contains a mixture of specimens of varying size and condition. Group provides a moderate boundary screen from Whittle Lane. Group is of limited arboricultural merit.	4.2	55.4
G3	Common holly, Pedunculate oak, Goat willow, Elder	4-6.5	90-365	5.50	5.50	5.50	5.50	2.50	Semi-mature	Fair	Fair	C1, 2	Semi mature group located in parcel A, on the eastern boundary. Group is running southwest along the edge of the field, forms a common cohesive canopy. Specimens within group are single stemmed, some standing dead specimens present within the group. Group contains a mixture of specimens of varying size and condition. Group provides a moderate boundary screen from the adjacent field. Group is of limited arboricultural merit.	4.5	63.6
G4	Sycamore, Common hawthorn, Wild cherry, Pedunculate oak, Goat willow, Elder	3-10	90-220	3.00	3.00	3.00	3.00	1.00	Semi-mature	Fair	Good	C1, 2	Semi mature group located in parcel A, on the eastern boundary. Group located southwest along the edge of the field, sparse area's within the group. Group contains a mixture of specimens of varying size and condition, with some standing dead specimens present. Group provides a moderate boundary screen from Whittle Lane. Group is of limited arboricultural merit.	2.7	22.9

Tree Number	Common Species Name	Height (m)	Stem Diameter	Crown Spread (m)				Height of Crown Clearance (m)	Age Class	Physiological Condition	Structural Condition	BS5837 Category	Comments/Preliminary Management Recommendations	RPA Radius (m)	Root Protection Area (m2)
				N	E	S	W								
G5	Common hawthorn, Common ash, Wild cherry, Pedunculate oak, Goat willow, Elder	3-15	90-855	3.00	3.00	3.00	3.00	1.00	Mature	Good	Good	B1, 2	Mature group located in parcel A, towards the eastern boundary. Group contains a mixture of specimens of varying size and condition, primarily contains mature to early mature specimens. As well as some younger understory specimens. Group appears healthy, there are some standing dead specimens present within the group. Group has good future potential.	10.2	326.9
G6	Sycamore, Common hawthorn, Crack willow, Elder	3-15	280-775	6.00	6.00	6.00	6.00	4.00	Early-mature	Good	Good	C1, 2	Early mature group located on the eastern boundary of parcel A. Forms a common cohesive canopy. Contains single stemmed specimens with good shape and form. Group has moderate future potential.	9.3	271.7
G7	Common ash, Goat willow	6-7	360-420	5.00	5.00	5.00	5.00	2.00	Semi-mature	Good	Good	C1, 2	Semi mature group located on the eastern boundary of parcel A. Forms a common cohesive canopy. Contains small specimens. Of limited arboricultural merit.	5.1	81.7
G8	Sycamore, Goat willow	6-7	100-250	4.00	4.00	4.00	4.00	2.00	Semi-mature	Good	Good	C1, 2	Semi mature group located on the eastern boundary of parcel A. Forms a common cohesive canopy. Contains small specimens. Of limited arboricultural merit.	3.0	28.3
G9	Sycamore, Common hawthorn, Common beech, Common holly, Elder	5-15	420-910	6.00	6.00	6.00	6.00	4.00	Early-mature	Good	Good	B1, 2	Semi mature group located on the eastern boundary of parcel A, situated within farm on Whittle Lane. Forms a common cohesive canopy. Contains single stemmed specimens with good shape and form. Group has good future potential. Group provides a moderate boundary screen from Whittle Lane.	10.8	366.4
G10	Silver birch, Norway spruce, Wild cherry, Pedunculate oak	3-12	160-875	6.00	6.00	6.00	6.00	3.00	Semi-mature	Good	Good	B1, 2	Semi mature group located within parcel A. Contains single stemmed specimens with good shape and form. Group has good future potential. Group provides a moderate boundary screen from the adjacent fields.	10.5	346.4

Tree Number	Common Species Name	Height (m)	Stem Diameter	Crown Spread (m)				Height of Crown Clearance (m)	Age Class	Physiological Condition	Structural Condition	BS5837 Category	Comments/Preliminary Management Recommendations	RPA Radius (m)	Root Protection Area (m2)
				N	E	S	W								
G11	Silver birch, Common ash, Larch, Wild cherry, Goat willow	4-10	75-455	5.00	5.00	5.00	5.00	4.00	Semi-mature	Fair	Fair	C1, 2	Semi mature group located within parcel A, towards the eastern boundary. Contains a mixture of specimens of varying size and condition. Some standing dead specimens present within the group. Group is of limited arboricultural merit.	5.4	91.6
G12	Sycamore, Silver birch, Common ash, Wild cherry	6-10	120-440	4.00	4.00	4.00	4.00	3.00	Semi-mature	Good	Good	C1, 2	Semi mature group located within parcel A, towards the eastern boundary. Situated within H11. Contains a mixture of specimens of varying size. Group provides a moderate boundary screen from the adjacent field.	5.4	91.6
G13	Sycamore, Common hazel, Common hawthorn, Common ash, Elder	5-15	120-940	8.00	8.00	8.00	8.00	4.00	Mature	Fair	Good	C1, 2	Mature group located within parcel A, towards the northeast boundary of the site. Contains a mixture of specimens of varying size and age. Group contains a large mature Ash tree, as well as some younger specimens, together forming a common cohesive canopy.	11.4	408.3
G14	Common hazel, Common hawthorn, Common ash, Crab apple, Elder	5-9	120-350	4.00	4.00	4.00	4.00	4.00	Semi-mature	Fair	Good	C1, 2	Semi mature group located within parcel A, towards the northeast boundary of the site. Along access track leading to Brightley Brook. Contains a mixture of specimens of varying size and condition. Together forming a common cohesive canopy. Some standing dead specimens present within the group. Provides a significant boundary screen from the adjacent field to the north.	4.2	55.4
G15	Common hazel, Common hawthorn, Elder	5-8	120-320	4.00	4.00	4.00	4.00	4.00	Semi-mature	Fair	Good	C1, 2	Mature group located within parcel A, towards the northeast boundary of the site. Along access track leading to Brightley Brook. Contains a mixture of specimens of varying size and condition. Together forming a common cohesive canopy. Some standing dead specimens present within the group. Provides a significant boundary screen from the adjacent field to the north.	3.9	47.8

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				N	E	S	W								
G16	Sycamore, Silver birch, Common hazel, Common hawthorn, Common ash, Pedunculate oak, Goat willow, Elder	6-15	120-1000	9.00	9.00	9.00	9.00	4.00	Mature	Good	Good	B1, 2	Mature group located on the northwest boundary of parcel A. Group spans across Brightley Brook and beyond RLB to the northwest. Contains a mixture of specimens of varying size and condition. Together forming a common cohesive canopy. Some standing dead specimens present within the group. Provides a significant boundary screen from the adjacent field to the northwest.	12.0	452.4
G17	Common hawthorn, Goat willow, Elder	6-10	120-450	6.00	6.00	6.00	6.00	2.00	Semi-mature	Fair	Good	C1, 2	Semi mature group located on the northwest boundary of parcel A. Group spans across Brightley Brook and beyond the RLB to the north. Contains a mixture of specimens of varying size and condition. Together forming a common cohesive canopy. Some standing dead specimens present within the group. Provides a significant boundary screen from the adjacent field to the northwest.	5.4	91.6
G18	Common hawthorn, Common ash, Pedunculate oak, Goat willow, Elder	10-18	120-1000	0.00	0.00	0.00	0.00	4.00	Mature	Fair	Fair	C1, 2	Mature group located on the northwest boundary of parcel A. Group spans across Brightley Brook and beyond RLB to the northwest. Contains a mixture of specimens of varying size and condition. Together forming a common cohesive canopy. Some standing dead specimens present within the group. Provides a significant boundary screen from the adjacent field to the northwest.	12.0	452.4

Tree Number	Common Species Name	Height (m)	Stem Diameter	Crown Spread (m)				Height of Crown Clearance (m)	Age Class	Physiological Condition	Structural Condition	BS5837 Category	Comments/Preliminary Management Recommendations	RPA Radius (m)	Root Protection Area (m2)
				N	E	S	W								
G19	Sycamore, Horse chestnut, Common hawthorn, Common beech, Common ash, Goat willow, Elder	5-20	100-890	11.25	11.25	11.25	11.25	6.00	Mature	Good	Good	A1, 2	Mature group located within parcel A, towards the northwest boundary. Access track leading to Brightley Brook between G19 and G20. Contains a mixture of specimens of varying size and condition. Group appears healthy, primarily containing large specimens. There are some standing dead specimens present within the group. Some trees within the group show signs of storm damage. Group is of high arboricultural merit with good future potential.	10.8	366.4
G20	Sycamore, Horse chestnut, Common hawthorn, Common beech, Common ash, Goat willow, Elder	5-20	100-890	11.25	11.25	11.25	11.25	6.00	Mature	Good	Good	A1, 2	Mature group located within parcel A, towards the northwest boundary. Access track leading to Brightley Brook between G19 and G20. Contains a mixture of specimens of varying size and condition. Group appears healthy, primarily containing large specimens. There are some standing dead specimens present within the group. Some trees within the group show signs of storm damage. Group is of high arboricultural merit with good future potential.	10.8	366.4
G21	Goat willow, Crack willow	6-10	80-240	4.00	4.00	4.00	4.00	4.00	Semi-mature	Good	Good	C1, 2	Semi mature group located on the northwest boundary of parcel A. Forms a common cohesive canopy, contains semi-mature specimens of low value. Provides a significant boundary screen from the fishing lake to the northwest.	3.0	28.3
G22	Horse chestnut, Common hawthorn, Common ash	5-8	75-250	4.00	4.00	4.00	4.00	2.00	Semi-mature	Fair	Fair	C1, 2	Semi mature group located within parcel A. Contains a mixture of specimens of low value.	3.0	28.3

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				N	E	S	W								
G23	Sycamore, Silver birch, Common hawthorn, Common ash, Bay laurel, Grey poplar, Wild cherry, Goat willow	5-13	75-520	6.00	6.00	6.00	6.00	2.00	Early-mature	Fair	Good	B1, 2	Early mature group located within parcel A. Contains a mixture of specimens, forming a common cohesive canopy. Specimens within group are of varying height and condition. Group provides a significant boundary screen from the fishing lake to the northwest. Group appears healthy, with moderate future potential.	6.3	124.7
G24	Sycamore, Horse chestnut, Silver birch, Common hawthorn, Norway spruce, Wild cherry, Goat willow, Elder	5-13	75-520	6.00	6.00	6.00	6.00	2.00	Early-mature	Fair	Good	B1, 2	Early mature group located within parcel A. Contains a mixture of specimens, forming a common cohesive canopy. Specimens within group are of varying height. Group provides a significant boundary screen from the farm situated to the east of the group. Group appears healthy, with moderate future potential.	6.3	124.7
G25	Sycamore, Goat willow, Crack willow	8-10	75	6.00	6.00	6.00	6.00	4.00	Semi-mature	Fair	Good	C1, 2	Semi mature group located within parcel A. Contains a mixture of specimens, forming a common cohesive canopy. Specimens within group are of varying height. Group provides a moderate boundary screen from the adjacent pond. Group is of limited arboricultural merit.	1.5	7.1
G26	Sycamore, Horse chestnut, Common hawthorn, Common ash, Goat willow	4.5-12	75-410	7.00	7.00	7.00	7.00	2.50	Semi-mature	Fair	Good	C1, 2	Semi mature group located within parcel A. Contains a mixture of specimens, forming a common cohesive canopy. Specimens within group are of varying height. Some standing dead specimens present within the group. Group provides a significant boundary screen from the adjacent field.	4.8	72.4

Tree Number	Common Species Name	Height (m)	Stem Diameter	Crown Spread (m)				Height of Crown Clearance (m)	Age Class	Physiological Condition	Structural Condition	BS5837 Category	Comments/Preliminary Management Recommendations	RPA Radius (m)	Root Protection Area (m2)
				N	E	S	W								
G27	Sycamore, Horse chestnut, Silver birch, Common hawthorn, Common ash, Wild cherry	4.5-10	75-445	7.00	7.00	7.00	7.00	2.50	Semi-mature	Fair	Good	C1, 2	Semi mature group framing a field within parcel A. Contains a mixture of specimens, forming a common cohesive canopy. Some sparse area's within the group. Specimens within group are of varying height. Some standing dead specimens present within the group. Group provides a significant boundary screen from the adjacent field.	5.4	91.6
G28	Cedar of lebanon, Common hawthorn, Common ash, Pedunculate oak, Goat willow, Crack willow	4.5-12	90-465	6.00	6.00	6.00	6.00	5.00	Semi-mature	Fair	Good	C1, 2	Semi mature group located in parcel A, on the eastern boundary. Contains a mixture of specimens of varying size and condition, specimens within group grow close to each other, but group still has sparse area's throughout. Specimens within group are single stemmed trees as well as some understory shrubbery, group provides a moderate boundary screen from the properties to the south. Group is of limited arboricultural merit.	5.7	102.1
G29	Goat willow	4-6	90-200	5.00	5.00	5.00	5.00	0.00	Young	Good	Good	C1, 2	Young group located within a field within parcel A, group comprises small specimens of limited arboricultural merit.	2.4	18.1
G30	Sycamore, Silver birch, Common hawthorn, Leylandii, Common ash, Common holly, Bay laurel, Wild cherry, Pedunculate oak, Goat willow, Elder	3-15	90-855	3.00	3.00	3.00	3.00	1.00	Mature	Good	Good	B1, 2	Mature group located in parcel A, towards the eastern boundary. Group contains a mixture of specimens of varying size and condition, primarily contains mature to early mature specimens. As well as some younger understory specimens. Group appears healthy, there are some standing dead specimens present within the group. Group has good future potential.	10.2	326.9

Tree Number	Common Species Name	Height (m)	Stem Diameter	Crown Spread (m)				Height of Crown Clearance (m)	Age Class	Physiological Condition	Structural Condition	BS5837 Category	Comments/Preliminary Management Recommendations	RPA Radius (m)	Root Protection Area (m2)
				N	E	S	W								
G31	Sycamore, Silver birch, Common hawthorn, Common ash, Wild cherry, Pedunculate oak, Goat willow, Elder	3-18	90-855	8.00	8.00	8.00	8.00	3.00	Mature	Good	Good	B1, 2	Mature group located in parcel A, towards the eastern boundary. Group contains a mixture of specimens of varying size and condition, primarily contains mature to early mature specimens. As well as some younger understory specimens. Group appears healthy, there are some standing dead specimens present within the group. Group has good future potential.	10.2	326.9
G32	Leylandii, Goat willow	5-7	90-220	4.00	4.00	4.00	4.00	0.00	Semi-mature	Fair	Good	C1, 2	Semi mature group located beside barn with parcel A. Contains small specimens of limited arboricultural merit. Provides a significant boundary screen from the adjacent field.	2.7	22.9
G33	Sycamore, Common hawthorn, Elder	5-14	90-880	9.00	9.00	9.00	9.00	3.00	Mature	Fair	Good	C1, 2	Mature group located beside barn with parcel A. Contains mature to early mature specimens, forming a common cohesive canopy. Group appears healthy with good future potential.	10.5	346.4
G34	Common hawthorn, Common holly, Pedunculate oak, Goat willow	4-6	75-225	5.00	5.00	5.00	5.00	0.00	Semi-mature	Fair	Fair	C1, 2	Semi mature group located within parcel A. Specimens within group have untidy form and show signs of damage and decline. Some standing dead specimens present within the group. Group is of limited arboricultural merit.	2.7	22.9
G35	Common alder, Silver birch, Hornbeam, Common hawthorn, Common ash, Bay laurel, Wild cherry, Pedunculate oak, Goat willow, Crack willow	4-12	75-225	5.00	5.00	5.00	5.00	0.00	Semi-mature	Fair	Fair	C1, 2	Semi mature group located within parcel A along the northwest boundary of the site. Specimens within group appear healthy with good shape and form. Some standing dead specimens present within the group.	2.7	22.9
G36	Leyland cypress	4.5	75-195	3.00	3.00	3.00	3.00	0.00	Young	Good	Good	C1, 2	Semi mature group located within parcel A on the northwest boundary of the site. Group is of limited arboricultural merit.	2.4	18.1

Tree Number	Common Species Name	Height (m)	Stem Diameter	Crown Spread (m)				Height of Crown Clearance (m)	Age Class	Physiological Condition	Structural Condition	BS5837 Category	Comments/Preliminary Management Recommendations	RPA Radius (m)	Root Protection Area (m ²)
				N	E	S	W								
G37	Leyland cypress	10-15	820-900	5.00	5.00	5.00	5.00	0.00	Mature	Good	Good	B1, 2	Mature group located within parcel A, towards the northwest boundary of the site. Group is made up of two separate stands of trees both growing in close proximity to each other and forming a common cohesive canopy. Specimens within group have good shape and form with good future potential.	10.8	366.4
G38	Common hawthorn, Leyland cypress, Pedunculate oak, Goat willow	6-13	100-500	5.00	5.00	5.00	5.00	0.00	Early-mature	Good	Good	C1, 2	Early mature group located within parcel A, towards the northwest boundary of the site. Group contains a mixture of specimens of varying size and age, primarily early mature specimens as well as some younger self set specimens.	6.0	113.1
G39	Common alder, Common hawthorn, Wild cherry, Pedunculate oak, Goat willow	6-13	100-250	5.00	5.00	5.00	5.00	0.00	Semi-mature	Good	Good	C1, 2	Semi mature group located within parcel A, towards the northwest boundary of the site. Group contains a mixture of specimens of varying size and age, primarily semi mature and young specimens.	3.0	28.3
G40	Common alder, Common hawthorn, Goat willow	6-13	100-250	5.00	5.00	5.00	5.00	0.00	Semi-mature	Good	Good	C1, 2	Semi mature group located within parcel A, towards the northwest boundary of the site. Group contains a mixture of specimens of varying size and age, primarily semi mature and young specimens.	3.0	28.3
G41	Common hawthorn, Common ash	4-6.5	100-300	5.00	5.00	5.00	5.00	2.00	Semi-mature	Fair	Good	C1, 2	Semi mature group located within parcel A, towards the northwest boundary of the site. Group contains a mixture of specimens of varying size and age. Group is moderately healthy and of limited arboricultural merit.	3.6	40.7
G42	Sycamore, Common hawthorn, Common ash, Pedunculate oak, Crack willow, Elder	4-10	100-325	5.00	5.00	5.00	5.00	2.00	Semi-mature	Fair	Good	C1, 2	Semi mature group located within parcel A, towards the northwest boundary of the site. Group contains a mixture of specimens of varying size and age. Group is moderately healthy and of limited arboricultural merit.	3.9	47.8

Tree Number	Common Species Name	Height (m)	Stem Diameter	Crown Spread (m)				Height of Crown Clearance (m)	Age Class	Physiological Condition	Structural Condition	BS5837 Category	Comments/Preliminary Management Recommendations	RPA Radius (m)	Root Protection Area (m2)
				N	E	S	W								
G43	Silver birch, Common hawthorn, Goat willow, Crack willow	4-6	100-500	5.00	5.00	5.00	5.00	2.00	Semi-mature	Fair	Good	C1, 2	Semi mature group located within parcel A, towards the northwest boundary of the site. Group contains a mixture of specimens of varying size and age. Group is moderately healthy, with some standing dead specimens present within the group. Group is of limited arboricultural merit. Provides a significant boundary screen from the lake to the northwest.	6.0	113.1
G44	Common alder, Silver birch, Common hawthorn, Common ash, Common holly, Bay laurel, Pedunculate oak, Goat willow, Crack willow, Elder	4-7	100-500	5.00	5.00	5.00	5.00	2.00	Semi-mature	Fair	Good	C1, 2	Semi mature group located within parcel A, towards the northwest boundary of the site. Group contains a mixture of specimens of varying size and age. Group is moderately healthy, with some standing dead specimens present within the group. Group is of limited arboricultural merit. Provides a significant boundary screen from the field and lake to the northwest.	6.0	113.1
G45	Common hawthorn	4-6	100-355	5.00	5.00	5.00	5.00	2.00	Semi-mature	Fair	Good	C1, 2	Semi mature group located within parcel A, towards the western boundary of the site. Group is moderately healthy. Group is of limited arboricultural merit. Provides a moderate boundary screen from the adjacent field.	4.2	55.4
G46	Common hawthorn, Common ash, Crack willow	4-6	100-375	5.00	5.00	5.00	5.00	2.00	Semi-mature	Fair	Good	C1, 2	Semi mature group located within parcel A, towards the western boundary of the site. Situated along Brightley Brook. Group is moderately healthy. Group is of limited arboricultural merit.	4.5	63.6
G47	Sycamore, Common alder, Common hawthorn, Common ash, Common holly, Pedunculate oak, Elder	4-10	100-415	5.00	5.00	5.00	5.00	2.00	Semi-mature	Fair	Good	C1, 2	Semi mature group located within parcel A, on the western boundary of the site. Group contains a mixture of specimens of varying size and age. Group is moderately healthy, with some standing dead specimens present within the group. Group provides a significant boundary screen from the field to the north.	5.1	81.7

Tree Number	Common Species Name	Height (m)	Stem Diameter	Crown Spread (m)				Height of Crown Clearance (m)	Age Class	Physiological Condition	Structural Condition	BS5837 Category	Comments/Preliminary Management Recommendations	RPA Radius (m)	Root Protection Area (m2)
				N	E	S	W								
G48	Pedunculate oak	4.5-5	250-275	5.00	5.00	5.00	5.00	1.75	Semi-mature	Good	Good	C1, 2	Semi mature group located within parcel A towards the western boundary of the site. Small group with good shape and form and good future potential.	3.3	34.2
G49	Sycamore, Common alder, Silver birch, Common hawthorn, Common beech, Common ash, Common holly, Grey poplar, Pedunculate oak, Elder	4-10	100-415	5.00	5.00	5.00	5.00	2.00	Mature	Good	Good	A1, 2	Mature group located within parcel A, on the western boundary of the site. Group contains a mixture of specimens of varying size and age. Group primarily contains mature to early mature specimens. Several specimens within group appear to be dense with ivy. Group is of high arboricultural merit with good future potential.	5.1	81.7
G50	Silver birch, Wild cherry, Pedunculate oak	4-12	100-835	5.00	5.00	5.00	5.00	2.00	Early-mature	Good	Good	B1, 2	Early mature group located within parcel A, on the western boundary of the site. Group contains a mixture of specimens of varying size. Group appears healthy with good future potential.	9.9	307.9
G51	Grey poplar, Goat willow	4-12	100-550	5.00	5.00	5.00	5.00	2.00	Semi-mature	Fair	Good	C1, 2	Semi mature group located within parcel A, on the western boundary of the site. Group is of limited arboricultural merit.	6.6	136.8
G52	Sycamore, Common hawthorn, Pedunculate oak	4-12	100-660	5.00	5.00	5.00	5.00	2.00	Semi-mature	Good	Good	C1, 2	Semi mature group located within parcel A, on the western boundary of the site. Group contains a mixture of specimens of varying size. Group appears healthy with moderate future potential.	7.8	191.1
G53	Sycamore, Common hawthorn, Pedunculate oak	4-13	100-750	5.00	5.00	5.00	5.00	2.00	Semi-mature	Good	Good	C1, 2	Semi mature group located within parcel A, towards the western boundary of the site. Group contains a mixture of specimens of varying size. Group appears healthy with some standing dead specimens present within the group. Group is of limited arboricultural merit.	9.0	254.5

Tree Number	Common Species Name	Height (m)	Stem Diameter	Crown Spread (m)				Height of Crown Clearance (m)	Age Class	Physiological Condition	Structural Condition	BS5837 Category	Comments/Preliminary Management Recommendations	RPA Radius (m)	Root Protection Area (m2)
				N	E	S	W								
G54	Silver birch, Common hawthorn, Wild cherry, Pedunculate oak, Goat willow, Crack willow	4.5-12	90-420	6.00	6.00	6.00	6.00	5.00	Semi-mature	Fair	Good	C1, 2	Semi mature group located within parcel A. Contains a mixture of specimens of varying size and condition, specimens within group grow close to each other, but group still has sparse area's throughout. Specimens within group are single stemmed trees as well as some understory shrubbery, group provides a significant boundary screen from the adjacent fields. Group appears healthy with some standing dead specimens present within the group, group is of moderate future potential.	5.1	81.7
G55	Common hawthorn, Pedunculate oak	4.5-6	90-315	4.00	4.00	4.00	4.00	1.00	Semi-mature	Fair	Good	C1, 2	Semi mature group located within parcel A. Contains specimens of varying size and condition, specimens within group grow close to each other, but group still has sparse area's throughout. Specimens within group are single stemmed trees as well as some understory shrubbery, group provides a moderate boundary screen from the adjacent fields. Group appears healthy with some standing dead specimens present within the group, group is of limited arboricultural merit.	3.9	47.8

Tree Number	Common Species Name	Height (m)	Stem Diameter	Crown Spread (m)				Height of Crown Clearance (m)	Age Class	Physiological Condition	Structural Condition	BS5837 Category	Comments/Preliminary Management Recommendations	RPA Radius (m)	Root Protection Area (m2)
				N	E	S	W								
G56	Sycamore, Horse chestnut, Common alder, Silver birch, Hornbeam, Common hazel, Common hawthorn, Common beech, Common ash, Common holly, Norway spruce, Austrian pine, Grey poplar, Wild cherry, Pedunculate oak, Goat willow, Elder, Rowan	4.5-15	90-860	6.00	6.00	6.00	6.00	5.00	Mature	Good	Good	B1, 2	Mature group located within parcel A towards the southern boundary of the site. Contains a mixture of specimens of varying size and condition, specimens within group form a common cohesive canopy. Specimens within group are single stemmed trees as well as some understory shrubbery, group provides a significant boundary screen from the adjacent fields. Group appears healthy with some standing dead specimens present within the group, group is of high arboricultural merit with good future potential.	10.2	326.9
G57	Sycamore, Horse chestnut, Common alder, Silver birch, Hornbeam, Common hazel, Common hawthorn, Common beech, Common ash, Common holly, Grey poplar, Wild cherry, Pedunculate oak, Goat willow, Elder, Rowan	4.5-15	90-860	6.00	6.00	6.00	6.00	5.00	Mature	Good	Good	B1, 2	Mature group located within parcel A on the southern boundary of the site, running parallel with Whittle Brook. Contains a mixture of specimens of varying size and condition, specimens within group form a common cohesive canopy. Specimens within group are single stemmed trees as well as some understory shrubbery, group provides a significant boundary screen from the adjacent fields and property to the southwest. Group appears healthy with some standing dead specimens present within the group, group is of high arboricultural merit with good future potential.	10.2	326.9
G58	Common alder, Common hawthorn	2-6	75-200	3.00	3.00	3.00	3.00	1.00	Young	Good	Good	C1, 2	Young sparse groups of self set specimens. Of limited arboricultural merit.	2.4	18.1
G59	Common alder, Common hawthorn	2-6	75-200	3.00	3.00	3.00	3.00	1.00	Young	Good	Good	C1, 2	Young sparse groups of self set specimens. Of limited arboricultural merit.	2.4	18.1
G60	Common hawthorn, Goat willow	2-6	75-200	3.00	3.00	3.00	3.00	1.00	Young	Good	Good	C1, 2	Young sparse groups of self set specimens. Of limited arboricultural merit.	2.4	18.1

Tree Number	Common Species Name	Height (m)	Stem Diameter	Crown Spread (m)				Height of Crown Clearance (m)	Age Class	Physiological Condition	Structural Condition	BS5837 Category	Comments/Preliminary Management Recommendations	RPA Radius (m)	Root Protection Area (m2)
				N	E	S	W								
G61	Sycamore, Common alder, Silver birch, Common hazel, Common hawthorn, Common ash, Grey poplar, Wild cherry, Pedunculate oak, Goat willow, Elder, Rowan	4.5-15	90-550	6.00	6.00	6.00	6.00	5.00	Early-mature	Good	Good	C1, 2	Early mature group located within parcel A towards the southern boundary of the site. Contains a mixture of specimens of varying size and condition, specimens within group form a common cohesive canopy. Specimens within group are single stemmed trees as well as some understory shrubbery, group provides a significant boundary screen from the adjacent fields. Group appears healthy with some standing dead specimens present within the group, group is of high arboricultural merit with good future potential.	6.6	136.8
G62	Common hawthorn	4.5-6	90-315	6.00	6.00	6.00	6.00	5.00	Semi-mature	Fair	Good	C1, 2	Semi mature group located within parcel A towards the southern boundary of the site. Specimens within group are of limited arboricultural merit.	3.9	47.8
G63	Sycamore, Common alder, Silver birch, Common hazel, Common hawthorn, Common ash, Grey poplar, Wild cherry, Pedunculate oak, Goat willow, Elder, Rowan	4.5-15	90-485	6.00	6.00	6.00	6.00	5.00	Semi-mature	Good	Good	C1, 2	Semi mature group located within parcel A towards the southern boundary of the site. Contains a mixture of specimens of varying size and condition, specimens within group form a common cohesive canopy. Specimens within group are single stemmed trees as well as some understory shrubbery, group provides a significant boundary screen from the adjacent fields. Group appears healthy with some standing dead specimens present within the group has good future potential.	5.7	102.1
G64	Common hawthorn, Goat willow, Crack willow	4.5-12	90-500	5.00	5.00	5.00	5.00	3.00	Semi-mature	Fair	Fair	C1, 2	Semi mature group located within parcel A on the southern boundary of the site. Situated on Whittle Brook. Contains a mixture of specimens of varying size and condition, specimens within group form a common cohesive canopy. Specimens within group are single stemmed trees have poor shape and form and are of limited arboricultural merit.	6.0	113.1

Tree Number	Common Species Name	Height (m)	Stem Diameter	Crown Spread (m)				Height of Crown Clearance (m)	Age Class	Physiological Condition	Structural Condition	BS5837 Category	Comments/Preliminary Management Recommendations	RPA Radius (m)	Root Protection Area (m ²)
				N	E	S	W								
G65	Common hawthorn, Pedunculate oak, Goat willow, Crack willow	3-6	90-400	4.00	4.00	4.00	4.00	3.00	Semi-mature	Fair	Fair	C1, 2	Semi mature group located within parcel A on the southern boundary of the site. Situated on Whittle Brook. Contains a mixture of specimens of varying size and condition, specimens within group form a common cohesive canopy. Specimens within group are single stemmed trees have poor shape and form and are of limited arboricultural merit.	4.8	72.4
G66	Common hawthorn	3-6	90-315	4.00	4.00	4.00	4.00	2.00	Semi-mature	Fair	Fair	C1, 2	Semi mature group located within parcel A on the southern boundary of the site. Situated on Whittle Brook. Contains a mixture of specimens of varying size and condition, specimens within group form a common cohesive canopy. Specimens within group are single stemmed trees have poor shape and form and are of limited arboricultural merit.	3.9	47.8
G67	Goat willow, Crack willow	4.5-12	90-500	5.00	5.00	5.00	5.00	3.00	Semi-mature	Fair	Fair	C1, 2	Semi mature group located within parcel A on the southern boundary of the site. Situated on Whittle Brook. Contains a mixture of specimens of varying size and condition, specimens within group form a common cohesive canopy. Specimens within group are single stemmed trees have poor shape and form with signs of storm damage, and are of limited arboricultural merit.	6.0	113.1
G68	Sycamore, Silver birch, Common hawthorn, Common ash, Wild cherry, Pedunculate oak, Goat willow, Elder	3-18	90-900	8.00	8.00	8.00	8.00	3.00	Mature	Good	Good	B1, 2	Mature group located in parcel A, towards the southeastern boundary. Group contains a mixture of specimens of varying size and condition, primarily contains mature to early mature specimens. As well as some younger understory specimens. Group appears healthy, there are some standing dead specimens present within the group. Group has good future potential.	10.8	366.4

Tree Number	Common Species Name	Height (m)	Stem Diameter	Crown Spread (m)				Height of Crown Clearance (m)	Age Class	Physiological Condition	Structural Condition	BS5837 Category	Comments/Preliminary Management Recommendations	RPA Radius (m)	Root Protection Area (m2)
				N	E	S	W								
G69	Common hawthorn	4.5-5	90-300	4.00	4.00	4.00	4.00	3.00	Semi-mature	Fair	Fair	C1, 2	Semi mature group located within parcel A towards the southeast boundary of the site. Specimens within group are single stemmed trees have poor shape and form and are of limited arboricultural merit.	3.6	40.7
G70	Common hawthorn, Goat willow, Crack willow	4.5-14	90-550	5.00	5.00	5.00	5.00	3.00	Semi-mature	Fair	Fair	C1, 2	Semi mature group located within parcel A on the southern boundary of the site. Situated on Whittle Brook. Contains a mixture of specimens of varying size and condition, specimens within group form a common cohesive canopy. Specimens within group are single stemmed trees have poor shape and form with signs of storm damage, and are of limited arboricultural merit.	6.6	136.8
G71	Sycamore, Common hawthorn, Pedunculate oak, Goat willow	3-12	90-425	8.00	8.00	8.00	8.00	3.00	Semi-mature	Good	Good	C1, 2	Semi mature group located in parcel A, towards the southeastern boundary. Group contains a mixture of specimens of varying size and condition as well as some younger understory specimens. Group appears healthy, with moderate future potential.	5.1	81.7
G72	Common hawthorn	3-5	90-250	5.00	5.00	5.00	5.00	3.00	Semi-mature	Fair	Fair	C1, 2	Semi mature group located in parcel A, towards the southeastern boundary. Group is of limited arboricultural merit.	3.0	28.3
G73	Common hawthorn, Crack willow, Elder	3-6	90-325	5.00	5.00	5.00	5.00	3.00	Semi-mature	Fair	Fair	C1, 2	Semi mature group located in parcel A, towards the southeastern boundary. Group is of limited arboricultural merit.	3.9	47.8
G74	Sycamore, Common hawthorn, Common ash, Common holly, Grey poplar, Crack willow, Elder	3-14	90-365	5.00	5.00	5.00	5.00	3.00	Semi-mature	Fair	Fair	C1, 2	Semi mature group located in parcel A, towards the southeastern boundary. Group is of limited arboricultural merit.	4.5	63.6
G75	Sycamore, Grey alder, Silver birch, Common hazel, Common hawthorn, Common ash, Crack willow	3-14	90-450	4.00	4.00	4.00	4.00	2.00	Semi-mature	Fair	Good	C1, 2	Semi mature group located in parcel A, towards the southeastern boundary. Group is of limited arboricultural merit.	5.4	91.6

Tree Number	Common Species Name	Height (m)	Stem Diameter	Crown Spread (m)				Height of Crown Clearance (m)	Age Class	Physiological Condition	Structural Condition	BS5837 Category	Comments/Preliminary Management Recommendations	RPA Radius (m)	Root Protection Area (m ²)
				N	E	S	W								
G76	Silver birch, Common ash, Grey poplar, Crack willow, Elder	3-15	90-450	4.00	4.00	4.00	4.00	2.00	Semi-mature	Fair	Good	C1, 2	Semi mature group located in parcel A, towards the southeastern boundary. Group is of limited arboricultural merit.	5.4	91.6
G77	Leylandii	18	400-600	4.00	4.00	4.00	4.00	2.00	Mature	Good	Good	C1, 2	Mature group located in parcel A, towards the southeastern boundary. Group appears healthy with moderate future potential. Provides a significant screen from the property to the east.	7.2	162.9
G78	Common hawthorn, Common beech, Wild cherry	3-5	90-270	3.00	3.00	3.00	3.00	3.00	Young	Good	Good	C1, 2	Young group located within parcel A towards the southeast boundary of the site. Group is of limited arboricultural merit.	3.3	34.2
G79	Sycamore, Common hazel, Common hawthorn, Goat willow	3-12	90-325	5.00	5.00	5.00	5.00	2.00	Semi-mature	Good	Good	C1, 2	Semi mature group located within parcel A towards the southeast boundary. Situated beside barn in farm yard. Group appears healthy but is of limited arboricultural merit.	3.9	47.8
G80	Goat willow	6.5	90-285	5.00	5.00	5.00	5.00	2.00	Semi-mature	Good	Good	C1, 2	Semi mature group located within parcel A towards the southeast boundary. Group appears healthy but is of limited arboricultural merit.	3.3	34.2
G81	Common beech, Wild cherry	2-6.5	75-100	2.00	2.00	2.00	2.00	1.00	Young	Good	Good	C1, 2	Young group located within parcel A towards the southeast boundary. Group appears healthy but is of limited arboricultural merit.	1.5	7.1
G82	Common hawthorn	5.5-7.5	90-335	5.00	5.00	5.00	5.00	4.00	Semi-mature	Fair	Fair	C1, 2	Semi mature group located within parcel B on the eastern boundary of the site. Forms a common cohesive canopy, provides a moderate boundary screen from the properties to the east. Group is of limited arboricultural merit.	3.9	47.8
G83	Common hawthorn, Elder	5.5-6	90-350	5.00	5.00	5.00	5.00	4.00	Semi-mature	Fair	Fair	C1, 2	Semi mature group located within parcel B on the eastern boundary of the site. Forms a common cohesive canopy, provides a moderate boundary screen from the properties to the east. Group is of limited arboricultural merit.	4.2	55.4

Tree Number	Common Species Name	Height (m)	Stem Diameter	Crown Spread (m)				Height of Crown Clearance (m)	Age Class	Physiological Condition	Structural Condition	BS5837 Category	Comments/Preliminary Management Recommendations	RPA Radius (m)	Root Protection Area (m2)
				N	E	S	W								
G84	Common hawthorn, Elder	4-6	90-355	5.00	5.00	5.00	5.00	4.00	Semi-mature	Poor	Fair	C1, 2	Semi mature group located within parcel B towards the eastern boundary of the site. Forms a common cohesive canopy, provides a moderate boundary screen from the adjacent fields. Group is of limited arboricultural merit.	4.2	55.4
G85	Common hawthorn, Elder	4-6	90-355	5.00	5.00	5.00	5.00	4.00	Semi-mature	Poor	Fair	C1, 2	Semi mature group located within parcel B. Group forms a common cohesive canopy, with sparse area's present throughout the group. Provides a moderate boundary screen from the adjacent fields. Group is of limited arboricultural merit.	4.2	55.4
G86	Pedunculate oak	10-12	480-1270	7.50	7.50	7.50	7.50	0.00	Mature	Good	Good	A1, 2	Mature group located within parcel B. Prominent specimens visible from Dr Fold Lane. Forms a common cohesive canopy. Group appears healthy with good future potential.	15.3	735.4
G87	Common hawthorn, Elder	3-5	150-300	4.00	4.00	4.00	4.00	2.00	Semi-mature	Poor	Fair	C1, 2	Semi mature group located within parcel B. Group is of limited arboricultural merit.	3.6	40.7
G88	Common hawthorn, Elder	3-5	150-315	4.00	4.00	4.00	4.00	3.00	Semi-mature	Fair	Fair	C1, 2	Semi mature group located within parcel B. Group is of limited arboricultural merit.	3.9	47.8
G89	Common hawthorn	5-15	150-520	5.00	5.00	5.00	5.00	4.00	Semi-mature	Good	Good	C1, 2	Semi mature group located within parcel B. Group is of limited arboricultural merit.	6.3	124.7
G90	Common hawthorn, Pedunculate oak	5-15	150-520	5.00	5.00	5.00	5.00	4.00	Early-mature	Good	Good	B1, 2	Early mature group located within parcel B. Group forms a common cohesive canopy, specimens within group appear healthy with good future potential. Group provides a significant boundary screen from the adjacent fields.	6.3	124.7
G91	Common hawthorn	5-15	150-520	5.00	5.00	5.00	5.00	4.00	Semi-mature	Good	Good	C1, 2	Semi mature group located within parcel B. Group provides a moderate boundary screen from the adjacent fields. Group is of limited arboricultural merit.	6.3	124.7
G92	Sycamore, Elder	5.5	100-150	3.00	3.00	3.00	3.00	2.50	Young	Good	Good	C1, 2	Young group located within parcel B. Group is of limited arboricultural merit.	1.8	10.2
G93	Common hawthorn, Pedunculate oak	5	100-200	3.00	3.00	3.00	3.00	2.50	Young	Fair	Fair	C1, 2	Young group located within parcel C. Of limited arboricultural merit.	2.4	18.1

Tree Number	Common Species Name	Height (m)	Stem Diameter	Crown Spread (m)				Height of Crown Clearance (m)	Age Class	Physiological Condition	Structural Condition	BS5837 Category	Comments/Preliminary Management Recommendations	RPA Radius (m)	Root Protection Area (m2)
				N	E	S	W								
G94	Silver birch, Common hawthorn, Grey poplar	5-15	100-600	3.00	3.00	3.00	3.00	2.50	Early-mature	Fair	Good	C1, 2	Early mature group located within parcel C. Of limited arboricultural merit. Provides boundary screen from property to the southeast.	7.2	162.9
G95	Silver birch, Common hawthorn, Pedunculate oak, Goat willow	5-15	100-700	7.00	7.00	7.00	7.00	2.50	Early-mature	Fair	Good	B1, 2	Early mature group located within parcel C. Of moderate arboricultural merit. Provides boundary screen from property to the adjacent field.	8.4	221.7
G96	Sycamore, Bay laurel, Grey poplar, Wild cherry	5-15	100-750	3.00	3.00	3.00	3.00	2.50	Early-mature	Fair	Good	B1, 2	Early mature group located within parcel C. Contains a mixture of specimens of varying size. Forms a common cohesive canopy. Appears healthy and provides a boundary screen from property to the northeast.	9.0	254.5
G97	Common hawthorn, Pedunculate oak	5-8	330-560	6.50	6.50	6.50	6.50	3.00	Semi-mature	Good	Good	B1, 2	Semi mature group located within parcel C. Forms a common cohesive canopy. Specimens within group appear healthy, they are visible from Whittle Lane. Group has good future potential.	6.6	136.8
G98	Common hawthorn, Pedunculate oak	4-5	200-420	6.50	6.50	6.50	6.50	3.00	Semi-mature	Good	Good	C1, 2	Semi mature group located within parcel C. Forms a common cohesive canopy. Specimens within group appear healthy, they are visible from Whittle Lane. Group has moderate future potential.	5.1	81.7
G99	Sycamore, Common alder, Silver birch, Common hawthorn, London plane, Wild cherry	8-14	225-485	6.50	6.50	6.50	6.50	3.00	Semi-mature	Good	Fair	C1, 2	Semi mature group located within parcel C. Group appears healthy with moderate future potential. Group provides a significant boundary screen from the industrial estate to the northwest.	5.7	102.1

Tree Number	Common Species Name	Height (m)	Stem Diameter	Crown Spread (m)				Height of Crown Clearance (m)	Age Class	Physiological Condition	Structural Condition	BS5837 Category	Comments/Preliminary Management Recommendations	RPA Radius (m)	Root Protection Area (m2)
				N	E	S	W								
G100	Leylandii, Juniper, Wild cherry, Pedunculate oak, Goat willow, Crack willow	3-15	225-550	6.50	6.50	6.50	6.50	3.00	Semi-mature	Fair	Fair	C1, 2	Semi mature group located within parcel D. Group contains a mixture of specimens of varying size and condition. Some standing dead specimens present within the group, otherwise appears healthy. There is dense ivy associated with specimens within the group. Group is of moderate future potential. Group provides a moderate boundary screen from Pilsworth Road to the north.	6.6	136.8
G101	Sycamore, Common hawthorn, Wild cherry, Pedunculate oak	3-8	225-300	4.00	4.00	4.00	4.00	3.00	Semi-mature	Good	Good	C1, 2	Semi mature group located within parcel D. Group contains a mixture of specimens of varying size and condition. Some standing dead specimens present within the group, otherwise appears healthy. Group is of limited arboricultural merit, with moderate future potential. Group provides a moderate boundary screen from the adjacent field.	3.6	40.7
G102	Leylandii, Common ash	14	300-650	5.00	5.00	5.00	5.00	3.00	Early-mature	Good	Good	B1, 2	Early mature group located within parcel D. Forms a common cohesive canopy and provides a significant boundary screen from the adjacent field.	7.8	191.1
G103	Common hawthorn, Common holly	4-6	95-150	5.00	5.00	5.00	5.00	3.00	Semi-mature	Good	Good	C1, 2	Semi mature group located within parcel D. Group is of limited arboricultural merit.	1.8	10.2
G104	Common hawthorn, Common ash	4-8	110-565	3.50	3.50	3.50	3.50	4.00	Semi-mature	Fair	Fair	C1, 2	Semi mature group located within parcel D. Group is in decline. Group is of limited arboricultural merit.	6.9	149.6
G105	Common alder, Common hawthorn, Common ash, Goat willow	3.5-12	300-440	5.00	5.00	5.00	5.00	2.00	Semi-mature	Fair	Good	C1, 2	Semi mature group located within parcel D. Forms a common cohesive canopy and provides a significant boundary screen from the adjacent access road.	5.4	91.6
G106	Sycamore, Horse chestnut, Common hawthorn, Common ash, Pedunculate oak	3.5-15	95-600	5.00	5.00	5.00	5.00	2.00	Mature	Good	Good	B1, 2	Mature group located within parcel D. Forms a common cohesive canopy and provides a significant boundary screen from the property to the northwest.	7.2	162.9

Tree Number	Common Species Name	Height (m)	Stem Diameter	Crown Spread (m)				Height of Crown Clearance (m)	Age Class	Physiological Condition	Structural Condition	BS5837 Category	Comments/Preliminary Management Recommendations	RPA Radius (m)	Root Protection Area (m2)
				N	E	S	W								
G107	Sycamore, Common hawthorn, Common ash, Pedunculate oak, Goat willow, Elder	3.5-13	95-680	5.00	5.00	5.00	5.00	2.00	Mature	Good	Good	C1, 2	Mature group located within parcel D. Forms a common cohesive canopy. Contains a mixture of specimens of varying size and age, group appears healthy and provides a significant screen from the adjacent fields.	8.1	206.1
G108	Common hawthorn	3.5-5	95-300	5.00	5.00	5.00	5.00	2.00	Semi-mature	Fair	Good	C1, 2	Semi mature group located within parcel D. Forms a common cohesive. Group is of limited arboricultural merit.	3.6	40.7
G109	Wild cherry	4-6	90-240	5.00	5.00	5.00	5.00	2.00	Semi-mature	Fair	Good	C1, 2	Semi mature group located within parcel D. Forms a common cohesive canopy. Group is of limited arboricultural merit.	3.0	28.3
G110	Silver birch, Common hawthorn, Common ash, Wild cherry	4-12	95-650	6.00	6.00	6.00	6.00	4.00	Early-mature	Fair	Good	C1, 2	Semi mature group located within parcel D. Forms a common cohesive canopy. Contains a mixture of specimens of varying size and condition. Some standing dead specimens present within the group. Group provides a boundary screen from the adjacent property to the northwest.	7.8	191.1
G111	Sycamore, Common hawthorn, Common ash, Elder	4-8	95-300	5.00	5.00	5.00	5.00	0.00	Semi-mature	Fair	Fair	C1, 2	Semi mature group located within parcel D. Forms a common cohesive canopy. Contains a mixture of specimens of varying size and condition. Some standing dead specimens present within the group. Group provides a boundary screen from the adjacent field. Group is of limited arboricultural merit.	3.6	40.7
G112	Sycamore, Common hawthorn, Common beech, Common ash, Bay laurel, Wild cherry	4-12	95-425	6.00	6.00	6.00	6.00	0.00	Semi-mature	Fair	Good	C1, 2	Semi mature group located within parcel D. Forms a common cohesive canopy. Contains a mixture of specimens of varying size and condition. Some standing dead specimens present within the group. Group provides a boundary screen from the industrial estate to the southeast.	5.1	81.7

Tree Number	Common Species Name	Height (m)	Stem Diameter	Crown Spread (m)				Height of Crown Clearance (m)	Age Class	Physiological Condition	Structural Condition	BS5837 Category	Comments/Preliminary Management Recommendations	RPA Radius (m)	Root Protection Area (m2)
				N	E	S	W								
H1	Common hawthorn	1-1.5	75-130	2.00	2.00	2.00	2.00	0.00	Semi-mature	Good	Good	C2	Semi mature hedgerow framing a field on the eastern boundary of parcel A. Sparse area's along hedgerow where it runs parallel with Whittle Lane. Hedgerow appears to be well maintained and provides a low level boundary screen from the adjacent field to the south and Whittle Lane to the northeast.	1.5	7.1
H2	Common hawthorn	1-1.5	75-130	2.00	2.00	2.00	2.00	0.00	Semi-mature	Good	Good	C2	Semi mature hedgerow framing a field on the eastern boundary of parcel A. Sparse area's along hedgerow. Hedgerow appears to be well maintained and provides a low level boundary screen from the adjacent field.	1.5	7.1
H3	Common hawthorn	1-1.5	75-130	2.00	2.00	2.00	2.00	0.00	Semi-mature	Good	Good	C2	Semi mature hedgerow framing a field on the eastern boundary of parcel A. Sparse area's along hedgerow allowing for gated access between fields. Hedgerow appears to be well maintained and provides a low level boundary screen from the adjacent fields.	1.5	7.1
H4	Common hawthorn	1-1.5	75-130	2.00	2.00	2.00	2.00	0.00	Semi-mature	Good	Good	C2	Semi mature hedgerow framing a field within parcel A. Sparse area's along hedgerow allowing for gated access between fields. Hedgerow appears to be well maintained and provides a low level boundary screen from the adjacent fields.	1.5	7.1
H5	Leylandii, Wild privet	1-2	75-130	2.00	2.00	2.00	2.00	0.00	Semi-mature	Good	Good	C2	Semi mature hedgerow framing farmhouse on the eastern boundary of parcel A. Sparse area's along hedgerow allowing for gated access. Hedgerow appears to be well maintained and provides a low level boundary screen from the adjacent fields.	1.5	7.1

Tree Number	Common Species Name	Height (m)	Stem Diameter	Crown Spread (m)				Height of Crown Clearance (m)	Age Class	Physiological Condition	Structural Condition	BS5837 Category	Comments/Preliminary Management Recommendations	RPA Radius (m)	Root Protection Area (m2)
				N	E	S	W								
H6	Sycamore, Common hawthorn	1-5	75-130	2.00	2.00	2.00	2.00	0.00	Semi-mature	Good	Good	C2	Semi mature hedgerow framing a field within parcel A. Part of hedgerow runs parallel with Whittle Lane, area of flattened hedge along this area appears to be from car crash. Sparse area's along hedgerow allowing for gated access between fields. Hedgerow appears to be well maintained and provides a low level boundary screen from the adjacent fields.	1.5	7.1
H7	Common beech, Bay laurel	2.5-3	75-125	4.00	4.00	4.00	4.00	0.00	Semi-mature	Good	Good	C2	Semi mature hedgerow framing property situated on the eastern boundary of parcel A.	1.5	7.1
H8	Common hawthorn	1-5	75-130	2.00	2.00	2.00	2.00	0.00	Semi-mature	Good	Good	C2	Semi mature hedgerow framing a field within parcel A. Hedgerow appears to be well maintained and provides a low level boundary screen from the adjacent fields.	1.5	7.1
H9	Common hawthorn	1-5	75-130	2.00	2.00	2.00	2.00	0.00	Semi-mature	Good	Good	C2	Semi mature hedgerow framing a field within parcel A. Hedgerow appears to be well maintained and provides a low level boundary screen from the adjacent fields.	1.5	7.1
H10	Common hawthorn	1-5	75-130	2.00	2.00	2.00	2.00	0.00	Semi-mature	Good	Good	C2	Semi mature hedgerow framing a field within parcel A on the eastern boundary. Hedgerow appears to be well maintained and provides a low level boundary screen from Moss Hall Road.	1.5	7.1
H11	Common hawthorn	1-5	75-130	2.00	2.00	2.00	2.00	0.00	Semi-mature	Good	Good	C2	Semi mature hedgerow framing a field within parcel A on the eastern boundary. Hedgerow appears to be well maintained and provides a low level boundary screen from the adjacent field.	1.5	7.1
H12	Common hazel, Common hawthorn, Common ash, Blackthorn	3-5	75-130	2.00	2.00	2.00	2.00	0.00	Semi-mature	Good	Good	C2	Semi mature hedgerow framing a field within parcel A on the eastern boundary. Hedgerow appears to be well maintained and provides a moderate boundary screen from Moss Hall Road.	1.5	7.1

Tree Number	Common Species Name	Height (m)	Stem Diameter	Crown Spread (m)				Height of Crown Clearance (m)	Age Class	Physiological Condition	Structural Condition	BS5837 Category	Comments/Preliminary Management Recommendations	RPA Radius (m)	Root Protection Area (m2)
				N	E	S	W								
H13	Common hazel, Common hawthorn, Common ash, Blackthorn	3-5	75-130	2.00	2.00	2.00	2.00	0.00	Semi-mature	Good	Good	C2	Semi mature hedgerow framing a field within parcel A on the eastern boundary. Hedgerow appears to be well maintained and provides a moderate boundary screen from Moss Hall Road and the adjacent fields.	1.5	7.1
H14	Common hazel, Common hawthorn, Common ash, Blackthorn	3-5	75-130	2.00	2.00	2.00	2.00	0.00	Semi-mature	Good	Good	C2	Semi mature hedgerow framing a field within parcel A on the eastern boundary. Hedgerow appears to be well maintained and provides a moderate boundary screen from the adjacent fields.	1.5	7.1
H15	Common hawthorn, Blackthorn	3-5	75-130	2.00	2.00	2.00	2.00	0.00	Semi-mature	Good	Good	C2	Semi mature hedgerow framing a field within parcel A on the eastern boundary. Hedgerow appears to be well maintained, with sparse area's throughout and provides a low level boundary screen from the adjacent fields.	1.5	7.1
H16	Common hawthorn	3-5	75-130	2.00	2.00	2.00	2.00	0.00	Semi-mature	Good	Good	C2	Semi mature hedgerow framing a field within parcel A on the northeast boundary. Hedgerow appears to be well maintained, and provides a low level boundary screen from the adjacent fields.	1.5	7.1
H17	Common hawthorn	3-5	75-130	2.00	2.00	2.00	2.00	0.00	Semi-mature	Good	Good	C2	Semi mature hedgerow framing a field within parcel A on the northeast boundary. Hedgerow appears to be well maintained, and provides a low level boundary screen from Moss Hall Road.	1.5	7.1
H18	Common hawthorn, Elder	3-5	75-130	2.00	2.00	2.00	2.00	0.00	Semi-mature	Good	Good	C2	Semi mature hedgerow framing a field within parcel A on the northeast boundary. Hedgerow appears to be well maintained, and provides a low level boundary screen from the adjacent field.	1.5	7.1
H19	Common hawthorn, Elder	3-5	75-130	2.00	2.00	2.00	2.00	0.00	Semi-mature	Good	Good	C2	Semi mature hedgerow framing a field within parcel A towards the northern boundary. Hedgerow appears to be well maintained, and provides a moderate boundary screen from the adjacent field.	1.5	7.1

Tree Number	Common Species Name	Height (m)	Stem Diameter	Crown Spread (m)				Height of Crown Clearance (m)	Age Class	Physiological Condition	Structural Condition	BS5837 Category	Comments/Preliminary Management Recommendations	RPA Radius (m)	Root Protection Area (m2)
				N	E	S	W								
H20	Common hawthorn, Blackthorn, Elder	4-6.5	75-265	3.00	3.00	3.00	3.00	0.00	Semi-mature	Good	Good	C2	Semi mature hedgerow framing a field within parcel A towards the northwest boundary. Hedgerow appears to be well maintained, with sparse area's throughout for access to neighbouring fields. Provides a boundary screen from the adjacent fields.	3.3	34.2
H21	Common hawthorn, Common ash, Wild cherry, Blackthorn, Elder	4-6.5	75-300	3.00	3.00	3.00	3.00	0.00	Semi-mature	Good	Good	C2	Semi mature hedgerow framing a field within parcel A towards the northwest boundary. Hedgerow appears to be well maintained, with sparse area's throughout for access to neighbouring fields. Provides a boundary screen from the adjacent fields.	3.6	40.7
H22	Common hazel, Common hawthorn, Common ash, Blackthorn	3-6	75-130	2.00	2.00	2.00	2.00	0.00	Semi-mature	Good	Good	C2	Semi mature hedgerow framing a farm yard within parcel A. Hedgerow appears to be well maintained and provides a moderate boundary screen from the adjacent fields.	1.5	7.1
H23	Common hazel, Common hawthorn, Common ash, Blackthorn	3-6	75-130	2.00	2.00	2.00	2.00	0.00	Semi-mature	Good	Good	C2	Semi mature hedgerow framing a field within parcel A. Hedgerow appears to be well maintained and provides a moderate boundary screen from the adjacent fields.	1.5	7.1
H24	Common hawthorn, Blackthorn	3-6	75-130	2.00	2.00	2.00	2.00	0.00	Semi-mature	Good	Good	C2	Semi mature hedgerow framing a field within parcel A. Hedgerow appears to be well maintained and provides a moderate boundary screen from the adjacent fields.	1.5	7.1
H25	Common hawthorn, Blackthorn	3-6	75-130	2.00	2.00	2.00	2.00	0.00	Semi-mature	Good	Good	C2	Semi mature hedgerow framing access track leading to farmyard situated within parcel A. Hedgerow appears to be well maintained and provides a moderate boundary screen from the adjacent fields.	1.5	7.1
H26	Common hazel, Common hawthorn, Common ash, Blackthorn	3-7	75-130	2.00	2.00	2.00	2.00	0.00	Semi-mature	Good	Good	C2	Semi mature hedgerow framing access track leading to farmyard situated within parcel A. Hedgerow appears to be well maintained and provides a moderate boundary screen from the adjacent fields.	1.5	7.1

Tree Number	Common Species Name	Height (m)	Stem Diameter	Crown Spread (m)				Height of Crown Clearance (m)	Age Class	Physiological Condition	Structural Condition	BS5837 Category	Comments/Preliminary Management Recommendations	RPA Radius (m)	Root Protection Area (m2)
				N	E	S	W								
H27	Common hawthorn, Common beech	3-6	75-130	2.00	2.00	2.00	2.00	0.00	Semi-mature	Good	Good	C2	Semi mature hedgerow framing access track leading to farmyard situated within parcel A. Hedgerow appears to be well maintained and provides a moderate boundary screen from the adjacent fields.	1.5	7.1
H28	Common hawthorn	3-4	75-130	2.00	2.00	2.00	2.00	0.00	Semi-mature	Good	Good	C2	Semi mature hedgerow situated within parcel A. Hedgerow appears to be well maintained and provides a low level boundary screen from the adjacent fields.	1.5	7.1
H29	Common hawthorn	3-4	75-130	2.00	2.00	2.00	2.00	0.00	Semi-mature	Good	Good	C2	Semi mature hedgerow situated within parcel A. Hedgerow appears to be well maintained and provides a low level boundary screen from the adjacent fields.	1.5	7.1
H30	Common hawthorn	3-4	75-130	2.00	2.00	2.00	2.00	0.00	Semi-mature	Good	Good	C2	Semi mature hedgerow framing a field within parcel A. Hedgerow appears to be well maintained and provides a low level boundary screen from the adjacent fields.	1.5	7.1
H31	Common hawthorn	3-7	75-130	2.00	2.00	2.00	2.00	0.00	Semi-mature	Good	Good	C2	Semi mature hedgerow framing a field within parcel A. Hedgerow appears to be well maintained and provides a low level boundary screen from the adjacent fields.	1.5	7.1
H32	Common hawthorn	3-7	75-130	2.00	2.00	2.00	2.00	0.00	Semi-mature	Good	Good	C2	Semi mature hedgerow framing a field within parcel A. Hedgerow appears to be well maintained and provides a low level boundary screen from the adjacent fields.	1.5	7.1
H33	Common hawthorn	3-7	75-130	2.00	2.00	2.00	2.00	0.00	Semi-mature	Good	Good	C2	Semi mature hedgerow framing a field within parcel A. Hedgerow appears to be well maintained and provides a low level boundary screen from the adjacent fields.	1.5	7.1
H34	Common hawthorn	3-5	75-130	2.00	2.00	2.00	2.00	0.00	Semi-mature	Good	Good	C2	Semi mature hedgerow framing a field within parcel A. Along access road leading to properties situated to the south. Hedgerow appears to be well maintained and provides a low level boundary screen from the adjacent field.	1.5	7.1

Tree Number	Common Species Name	Height (m)	Stem Diameter	Crown Spread (m)				Height of Crown Clearance (m)	Age Class	Physiological Condition	Structural Condition	BS5837 Category	Comments/Preliminary Management Recommendations	RPA Radius (m)	Root Protection Area (m2)
				N	E	S	W								
H35	Common hawthorn	3-5	75-130	2.00	2.00	2.00	2.00	0.00	Semi-mature	Good	Good	C2	Semi mature hedgerow framing a field within parcel A. Hedgerow appears to be well maintained and provides a low level boundary screen from the adjacent field.	1.5	7.1
H36	Common hawthorn	3-4	75-130	2.00	2.00	2.00	2.00	0.00	Semi-mature	Good	Good	C2	Semi mature hedgerow framing a field within parcel A. Hedgerow appears to be well maintained and provides a low level boundary screen from the adjacent field.	1.5	7.1
H37	Common hawthorn	3-5	75-130	2.00	2.00	2.00	2.00	0.00	Young	Good	Good	C2	Young hedgerow framing a field within parcel A. Hedgerow is made up of young specimens beginning to form a more cohesive canopy. Provides a low level screen.	1.5	7.1
H38	Common hawthorn	3-3	75-130	2.00	2.00	2.00	2.00	0.00	Semi-mature	Good	Good	C2	Semi mature hedgerow framing a field within parcel A. Hedgerow is made up of young specimens beginning to form a more cohesive canopy. Provides a low level screen.	1.5	7.1
H39	Common hawthorn	3-2	75-130	2.00	2.00	2.00	2.00	0.00	Semi-mature	Good	Good	C2	Young hedgerow framing a field within parcel A. Hedgerow is made up of young specimens beginning to form a more cohesive canopy. Provides a low level screen.	1.5	7.1
H40	Common hawthorn	3-4	75-130	2.00	2.00	2.00	2.00	0.00	Semi-mature	Good	Good	C2	Semi mature hedgerow framing a field within parcel A. Hedgerow appears to be well maintained and provides a low level boundary screen from the adjacent field.	1.5	7.1
H41	Common hawthorn, Elder	3-5	75-130	2.00	2.00	2.00	2.00	0.00	Semi-mature	Good	Good	C2	Semi mature hedgerow framing a field within parcel A. Hedgerow appears to be sparse in places, while providing a low level boundary screen from the adjacent fields.	1.5	7.1
H42	Common hawthorn	3-5	75-130	2.00	2.00	2.00	2.00	0.00	Semi-mature	Good	Good	C2	Semi mature hedgerow framing a field within parcel A. Hedgerow appears to be sparse in places, while providing a low level boundary screen from the adjacent fields.	1.5	7.1
H43	Common hawthorn	3-5.5	75-200	2.00	2.00	2.00	2.00	0.00	Semi-mature	Good	Good	C2	Semi mature hedgerow framing a field within parcel A. Hedgerow appears to be sparse in places, while providing a low level boundary screen from the adjacent fields.	2.4	18.1

Tree Number	Common Species Name	Height (m)	Stem Diameter	Crown Spread (m)				Height of Crown Clearance (m)	Age Class	Physiological Condition	Structural Condition	BS5837 Category	Comments/Preliminary Management Recommendations	RPA Radius (m)	Root Protection Area (m2)
				N	E	S	W								
H44	Common hawthorn, Elder	3-5	75-130	2.00	2.00	2.00	2.00	0.00	Semi-mature	Good	Good	C2	Semi mature hedgerow framing a field within parcel A. Hedgerow appears to be sparse in places, while providing a low level boundary screen from the adjacent fields.	1.5	7.1
H45	Common hazel, Common hawthorn, Common ash, Blackthorn	3-6	75-215	2.00	2.00	2.00	2.00	0.00	Semi-mature	Good	Good	C2	Semi mature hedgerow framing a field within parcel A. Hedgerow provides a moderate boundary screen from the adjacent fields.	2.7	22.9
H46	Common hazel, Common hawthorn, Common ash, Blackthorn	3-6	75-215	2.00	2.00	2.00	2.00	0.00	Semi-mature	Good	Good	C2	Semi mature hedgerow framing a field within parcel A. Hedgerow provides a moderate boundary screen from the adjacent fields.	2.7	22.9
H47	Common hawthorn	3-4.5	75-195	2.00	2.00	2.00	2.00	0.00	Semi-mature	Good	Good	C2	Semi mature hedgerow framing a field within parcel A. Hedgerow provides a moderate boundary screen from the adjacent fields.	2.4	18.1
H48	Common hawthorn	3-5	75-195	2.00	2.00	2.00	2.00	0.00	Semi-mature	Good	Good	C2	Semi mature hedgerow framing a field within parcel A. Hedgerow provides a moderate boundary screen from the adjacent fields.	2.4	18.1
H49	Common hawthorn, Pedunculate oak	3-5	75-130	2.00	2.00	2.00	2.00	0.00	Young	Good	Good	C2	Young hedgerow framing a field within parcel A on the eastern boundary. Hedgerow appears to be sparse in area's throughout and provides a low level boundary screen from the adjacent fields.	1.5	7.1
H50	Common hawthorn, Pedunculate oak	3-5	75-130	2.00	2.00	2.00	2.00	0.00	Semi-mature	Fair	Good	C2	Semi mature hedgerow framing a field within parcel A towards the northwest boundary. Hedgerow appears to be sparse in area's throughout and provides a moderate boundary screen from the adjacent fields.	1.5	7.1
H51	Common hawthorn, Crack willow	3-6	75-130	2.00	2.00	2.00	2.00	0.00	Semi-mature	Fair	Good	C2	Semi mature hedgerow framing a field within parcel A towards the western boundary. Hedgerow appears to be sparse in area's throughout and provides a moderate boundary screen from the adjacent fields.	1.5	7.1

Tree Number	Common Species Name	Height (m)	Stem Diameter	Crown Spread (m)				Height of Crown Clearance (m)	Age Class	Physiological Condition	Structural Condition	BS5837 Category	Comments/Preliminary Management Recommendations	RPA Radius (m)	Root Protection Area (m2)
				N	E	S	W								
H52	Common hawthorn	3-8	75-225	2.00	2.00	2.00	2.00	0.00	Semi-mature	Fair	Good	C2	Semi mature hedgerow framing a field within parcel A towards the western boundary. Hedgerow appears to be sparse in area's throughout and provides a moderate boundary screen from the adjacent fields.	2.7	22.9
H53	Common hawthorn, Goat willow	3-3.25	75-130	2.00	2.00	2.00	2.00	0.00	Semi-mature	Good	Good	C2	Semi mature hedgerow framing a property within parcel A. Along access road leading to properties situated to the south. Hedgerow appears to be well maintained and provides a low level boundary screen from the property.	1.5	7.1
H54	Common hawthorn, Pedunculate oak, Elder	3-5	75-200	2.00	2.00	2.00	2.00	0.00	Semi-mature	Good	Good	C2	Semi mature hedgerow framing a field within parcel A. Along access road leading into field. Hedgerow appears to be well maintained, has some self set specimens growing within and provides a moderate screen from the adjacent fields.	2.4	18.1
H55	Common hawthorn, Elder	3-4.5	75-200	2.00	2.00	2.00	2.00	0.00	Semi-mature	Good	Good	C2	Semi mature hedgerow framing a field within parcel A. Along access road leading into field. Hedgerow appears to be well maintained, with moderate future potential.	2.4	18.1
H56	Common hawthorn, Elder	3-5	75-205	2.00	2.00	2.00	2.00	0.00	Semi-mature	Good	Good	C2	Semi mature hedgerow framing a field within parcel A. Along access road leading into field. Hedgerow appears to be well maintained and provides a moderate screen from the adjacent fields.	2.4	18.1
H57	Common hawthorn, Elder	3-5	75-205	2.00	2.00	2.00	2.00	0.00	Semi-mature	Good	Good	C2	Semi mature hedgerow framing a field within parcel A. Along access road leading into field. Hedgerow appears to be well maintained and provides a low level screen from the adjacent fields.	2.4	18.1
H58	Common hawthorn	3-5	75-205	2.00	2.00	2.00	2.00	0.00	Semi-mature	Good	Good	C2	Semi mature hedgerow framing a field within parcel A. Hedgerow appears healthy and provides a low level screen from the adjacent fields.	2.4	18.1
H59	Common hawthorn	3-5	75-205	2.00	2.00	2.00	2.00	0.00	Semi-mature	Good	Good	C2	Semi mature hedgerow framing a field within parcel A. Hedgerow appears healthy and provides a low level screen from the adjacent fields.	2.4	18.1

Tree Number	Common Species Name	Height (m)	Stem Diameter	Crown Spread (m)				Height of Crown Clearance (m)	Age Class	Physiological Condition	Structural Condition	BS5837 Category	Comments/Preliminary Management Recommendations	RPA Radius (m)	Root Protection Area (m2)
				N	E	S	W								
H60	Common hawthorn	3-5	75-205	2.00	2.00	2.00	2.00	0.00	Semi-mature	Good	Good	C2	Semi mature hedgerow framing a field within parcel A. Hedgerow appears healthy and provides a moderate screen from the adjacent fields.	2.4	18.1
H61	Common hawthorn	3-4	75-130	2.00	2.00	2.00	2.00	0.00	Semi-mature	Good	Good	C2	Semi mature hedgerow framing a field within parcel A. Hedgerow appears to be well maintained and provides a low level boundary screen from the adjacent field.	1.5	7.1
H62	Common hawthorn	3-4.5	75-130	2.00	2.00	2.00	2.00	0.00	Semi-mature	Good	Good	C2	Semi mature hedgerow framing a field within parcel A. Hedgerow appears to be well maintained and provides a low level boundary screen from the adjacent field.	1.5	7.1
H63	Common hawthorn	3-6	75-210	2.00	2.00	2.00	2.00	0.00	Semi-mature	Good	Good	C2	Semi mature hedgerow framing a field within parcel A. Hedgerow appears to be well maintained and provides a low level boundary screen from the adjacent field.	2.4	18.1
H64	Common hawthorn	3-4	75-195	2.00	2.00	2.00	2.00	0.00	Semi-mature	Good	Good	C2	Semi mature hedgerow framing a field within parcel A. Hedgerow appears to be well maintained and provides a low level boundary screen from the adjacent field.	2.4	18.1
H65	Common hawthorn	3-4	75-195	2.00	2.00	2.00	2.00	0.00	Semi-mature	Good	Good	C2	Semi mature hedgerow framing a field within parcel A. Hedgerow appears to be well maintained and provides a low level boundary screen from the adjacent field.	2.4	18.1
H66	Common hawthorn	3-7	75-300	2.00	2.00	2.00	2.00	0.00	Semi-mature	Good	Good	C2	Semi mature hedgerow framing a field within parcel A. Hedgerow appears to be well maintained and provides a low level boundary screen from the adjacent field.	3.6	40.7
H67	Common hawthorn, Elder	3-4	75-130	2.00	2.00	2.00	2.00	0.00	Semi-mature	Good	Good	C2	Semi mature hedgerow framing a field within parcel B. Hedgerow appears to be well maintained and provides a moderate boundary screen from Dr Fold Lane.	1.5	7.1
H68	Common hawthorn, Elder	3-4	75-165	2.00	2.00	2.00	2.00	0.00	Semi-mature	Good	Good	C2	Semi mature hedgerow framing a field within parcel B. Hedgerow appears to be well maintained and provides a moderate boundary screen from the adjacent field.	2.1	13.9

Tree Number	Common Species Name	Height (m)	Stem Diameter	Crown Spread (m)				Height of Crown Clearance (m)	Age Class	Physiological Condition	Structural Condition	BS5837 Category	Comments/Preliminary Management Recommendations	RPA Radius (m)	Root Protection Area (m2)
				N	E	S	W								
H69	Common hawthorn	3-4	75-120	2.00	2.00	2.00	2.00	0.00	Semi-mature	Good	Good	C2	Semi mature hedgerow framing a field within parcel B. Hedgerow appears to be well maintained and provides a moderate boundary screen from the properties to the east.	1.5	7.1
H70	Common hawthorn, Elder	3-6	75-165	2.00	2.00	2.00	2.00	0.00	Semi-mature	Good	Good	C2	Semi mature hedgerow framing a field within parcel B. Hedgerow appears to be well maintained and provides a moderate boundary screen from the adjacent field.	2.1	13.9
H71	Common hawthorn	3-4.5	75-165	2.00	2.00	2.00	2.00	0.00	Semi-mature	Good	Good	C2	Semi mature hedgerow framing a field within parcel B. Hedgerow appears to be well maintained and provides a low level boundary screen from the adjacent field.	2.1	13.9
H72	Common hawthorn	3-4.5	75-165	2.00	2.00	2.00	2.00	0.00	Semi-mature	Good	Good	C2	Semi mature hedgerow framing a field within parcel B. Hedgerow appears to be well maintained and provides a low level boundary screen from the adjacent field.	2.1	13.9
H73	Common hawthorn	3-4.5	75-145	2.00	2.00	2.00	2.00	0.00	Semi-mature	Good	Good	C2	Semi mature hedgerow framing a field within parcel B. Hedgerow appears to be well maintained and provides a low level boundary screen from the adjacent field.	1.8	10.2
H74	Common hawthorn	3-4.5	75-150	2.00	2.00	2.00	2.00	0.00	Semi-mature	Good	Good	C2	Semi mature hedgerow framing a field within parcel B. Hedgerow appears to be well maintained and provides a moderate to low level boundary screen from Dr Fold Lane.	1.8	10.2
H75	Common hawthorn	3-4.5	75-150	2.00	2.00	2.00	2.00	0.00	Semi-mature	Good	Good	C2	Semi mature hedgerow framing a field within parcel B. Hedgerow appears to be well maintained and provides a moderate to low level boundary screen from Dr Fold Lane.	1.8	10.2
H76	Wild privet	2.5	75-150	2.00	2.00	2.00	2.00	0.00	Semi-mature	Good	Good	C2	Semi mature hedgerow framing a house within parcel B. Hedgerow appears to be well maintained and provides a moderate to low level boundary screen from Dr Fold Lane.	1.8	10.2
H77	Common hawthorn	1.5-5	75-200	2.00	2.00	2.00	2.00	0.00	Semi-mature	Good	Good	C2	Semi mature hedgerow framing a field within parcel B. Hedgerow appears to be well maintained and provides a moderate to low level boundary screen from the adjacent fields.	2.4	18.1

Tree Number	Common Species Name	Height (m)	Stem Diameter	Crown Spread (m)				Height of Crown Clearance (m)	Age Class	Physiological Condition	Structural Condition	BS5837 Category	Comments/Preliminary Management Recommendations	RPA Radius (m)	Root Protection Area (m2)
				N	E	S	W								
H78	Common hawthorn	5	75-200	2.00	2.00	2.00	2.00	0.00	Semi-mature	Good	Good	C2	Semi mature hedgerow framing a field within parcel B. Hedgerow appears to be well maintained and provides a moderate to low level boundary screen from the adjacent fields.	2.4	18.1
H79	Common hawthorn	5	75-200	2.00	2.00	2.00	2.00	0.00	Semi-mature	Good	Good	C2	Semi mature hedgerow framing a field within parcel B. Hedgerow appears to be well maintained and provides a moderate to low level boundary screen from the adjacent fields.	2.4	18.1
H80	Common hawthorn	5	75-200	2.00	2.00	2.00	2.00	0.00	Semi-mature	Good	Good	C2	Semi mature hedgerow framing a field within parcel B. Hedgerow appears to be well maintained and provides a moderate to low level boundary screen from the adjacent fields.	2.4	18.1
H81	Common hawthorn	5	75-200	2.00	2.00	2.00	2.00	0.00	Semi-mature	Good	Good	C2	Semi mature hedgerow framing a field within parcel B. Hedgerow appears to be well maintained and provides a moderate to low level boundary screen from the adjacent fields.	2.4	18.1
H82	Common hawthorn	2-4	75-200	2.00	2.00	2.00	2.00	0.00	Semi-mature	Good	Good	C2	Semi mature hedgerow framing a field within parcel B. Hedgerow appears to be well maintained and provides a low level boundary screen from the adjacent fields.	2.4	18.1
H83	Common hawthorn	2-5.5	75-200	2.00	2.00	2.00	2.00	0.00	Semi-mature	Good	Good	C2	Semi mature hedgerow framing a field within parcel C. Hedgerow appears to be well maintained and provides a significant boundary screen from the adjacent property.	2.4	18.1
H84	Common hawthorn	2-4	75-200	2.00	2.00	2.00	2.00	0.00	Semi-mature	Good	Good	C2	Semi mature hedgerow framing a field within parcel C. Hedgerow appears to be well maintained and provides a moderate boundary screen from Whittle Lane.	2.4	18.1
H85	Common hawthorn	2-4	75-200	2.00	2.00	2.00	2.00	0.00	Semi-mature	Good	Good	C2	Semi mature hedgerow framing a field within parcel C. Hedgerow appears to be well maintained and provides a moderate boundary screen from the adjacent field.	2.4	18.1
H86	Common hawthorn	2-4	75-215	2.00	2.00	2.00	2.00	0.00	Semi-mature	Good	Good	C2	Semi mature hedgerow framing a field within parcel D. Hedgerow appears to be dense and provides a moderate boundary screen from the adjacent field.	2.7	22.9

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				N	E	S	W								
H87	Common hawthorn, Pedunculate oak	2-4	75-215	2.00	2.00	2.00	2.00	0.00	Semi-mature	Good	Good	C2	Semi mature hedgerow framing a field within parcel D. Hedgerow appears to be dense and provides a moderate boundary screen from the adjacent field.	2.7	22.9
H88	Common hawthorn, Common ash	3	75-215	2.00	2.00	2.00	2.00	0.00	Semi-mature	Good	Good	C2	Semi mature hedgerow framing a field within parcel D. Hedgerow appears to be well maintained and provides a moderate boundary screen from Moss Hall Road.	2.7	22.9
H89	Common hawthorn	3	75-215	2.00	2.00	2.00	2.00	0.00	Semi-mature	Good	Good	C2	Semi mature hedgerow framing a field within parcel D. Hedgerow appears to be well maintained and provides a moderate boundary screen from Moss Hall Road.	2.7	22.9
H90	Common hawthorn	2-3	75-215	2.00	2.00	2.00	2.00	0.00	Semi-mature	Good	Good	C2	Semi mature hedgerow framing a field within parcel D. Hedgerow appears to be well maintained and provides a moderate boundary screen from Moss Hall Road.	2.7	22.9
H91	Common hawthorn, Elder	2-3	75-215	2.00	2.00	2.00	2.00	0.00	Semi-mature	Good	Good	C2	Semi mature hedgerow framing a field within parcel D. Hedgerow appears to be well maintained and provides a low level screen from the adjacent fields.	2.7	22.9
H92	Sycamore, Common hawthorn, Common ash	2-5.5	75-215	2.00	2.00	2.00	2.00	0.00	Semi-mature	Good	Good	C2	Semi mature hedgerow framing a field within parcel D. Hedgerow appears to be well maintained and provides a low level screen from Moss Hall Road.	2.7	22.9
H93	Common hawthorn	2-5.5	75-215	2.00	2.00	2.00	2.00	0.00	Semi-mature	Good	Good	C2	Semi mature hedgerow framing a field within parcel D. Hedgerow appears to be well maintained and provides a low level screen from the adjacent fields.	2.7	22.9
G112	Hawthorn (Crataegus monogyna)	4.5(0)	200(1)	2.50	2.50	2.50	2.50	0.00	Semi Mature	Good	Good	C2	Moderate quality, but of reduced value due to small size. Diameter is an estimated maximum.	2.4	18
T113	Common Oak (Quercus robur)	6.5(0)	280(1)	4.00	4.00	4.00	4.00	0.00	Semi Mature	Good	Good	B2	Moderate quality and value.	3.4	35
T114	Common Oak (Quercus robur)	5(0.5)	120,70(2)	2.00	2.00	2.00	2.00	0.50	Young	Good	Good	C2	Low quality and value. Small with limited current landscape value.	1.7	9
T115	Goat Willow (Salix caprea)	7(0)	380,450,410,320,400(5)	4.50	5.00	5.50	5.00	0.00	Mature	Good	Fair	B2	Moderate quality and value. Located on bank. Multiple stems at ground level.	10.6	352
T116	Goat Willow (Salix caprea)	5(0)	250(1)	2.00	2.00	2.00	2.00	0.00	Semi Mature	Good	Fair	C2	Small with limited current landscape value. Little wider long-term landscape value.	3.0	28

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				N	E	S	W								
T117	Hawthorn (Crataegus monogyna)	5(0.5)	250(1)	2.50	2.50	2.50	2.00	0.50	Semi Mature	Good	Good	C12	Moderate quality, but of reduced value due to small size. Diameter is an estimated maximum.	3.0	28
T118	Common Oak (Quercus robur)	8(0)	260,180,220(3)	3.00	3.00	3.00	3.50	0.00	Semi Mature	Good	Good	B2	Moderate quality and value.	4.6	67
G119	Hawthorn (Crataegus monogyna), Common Oak (Quercus robur), Rowan (Sorbus aucuparia)	3(0)	100(1)	1.50	1.50	1.50	1.50	0.00	Young	Good	Good	C2	Low quality and value. Small with limited current landscape value. Self-seeded group of stems. Diameter is estimated average.	1.2	5
T120	Common Oak (Quercus robur)	7(1.5)	260,180,220,170, 180,160(6)	4.00	4.50	4.00	4.00	1.50	Semi Mature	Good	Good	B2	Moderate quality and value. Unable to inspect stem due to undergrowth.	5.8	106
T121	Rowan (Sorbus aucuparia)	7(0.5)	500(1)	3.00	3.00	3.50	3.50	0.50	Early Mature	Fair	Good	B2	Moderate quality and value. Multiple stems at ground level. Unable to inspect stem due to undergrowth. Diameter is estimated average.	6.0	113
G122	Rowan (Sorbus aucuparia)	3.5(0)	200(1)	2.00	2.00	2.00	2.00	0.00	Semi Mature	Good	Good	C2	Low quality and value. Small with limited current landscape value. Diameter is an estimated maximum.	2.4	18
T123	Common Oak (Quercus robur)	3.5(0.5)	140(1)	2.00	2.00	2.00	2.00	0.50	Young	Good	Good	C2	Low quality and value. Small with limited current landscape value.	1.7	9
T124	Rowan (Sorbus aucuparia)	7(1)	460(1)	3.70	3.70	3.70	3.70	1.00	Early Mature	Fair	Good	B2	Moderate quality and value. Multiple stems at ground level. Unable to inspect stem due to undergrowth. Diameter is estimated average.	5.5	96
T125	Common Oak (Quercus robur)	4(0.5)	160(1)	2.30	2.30	2.30	2.30	0.50	Young	Good	Good	C2	Low quality and value. Small with limited current landscape value.	1.9	12
T126	Downy Birch (Betula pubescens)	12(2.5)	380(1)	3.00	3.00	4.50	4.00	2.50	Early Mature	Good	Good	B2	Moderate quality and value. Crown distorted due to group pressure.	4.6	65
T127	Elder (Sambucus nigra)	3(0)	100(1)	1.50	1.00	1.00	1.00	0.00	Semi Mature	Dead	Dead	U	Dead.	1.2	5
T128	Norway Maple (Acer platanoides)	14(5)	440,470(2)	4.00	4.00	5.50	5.50	5.00	Mature	Good	Good	B12	Moderate quality and value. Inaccessible. Off site. Stem divides below 1.5m. Scattered deadwood.	7.7	188

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				N	E	S	W								
H129	Hawthorn (Crataegus monogyna), Elder (Sambucus nigra), Ash (Fraxinus excelsior)	4.5(0)	200(1)	2.00	2.00	2.00	2.00	0.00	Semi Mature	Fair	Fair	C2	Moderate quality and value. Provides some screen. Part of linear group. Outgrown boundary group, primarily hawthorn. Stem Close to fence	2.4	18
G130	Ash (Fraxinus excelsior), Goat Willow (Salix caprea), Hawthorn (Crataegus monogyna), Common Oak (Quercus robur), Norway Maple (Acer platanoides)	11(2)	450(1)	4.50	4.50	4.50	4.50	2.00	Early Mature	Good	Good	B2	Moderate quality and value. Part of linear group. Scattered deadwood. Crown distorted due to group pressure. Dense group with mature trees of willow, acer, with understory remainder species. Some off site beyond fence. Diameter is an estimated maximum.	5.4	92
G131	Sycamore (Acer pseudoplatanus), Elder (Sambucus nigra)	6(3)	250(1)	3.00	3.00	3.00	3.00	3.00	Semi Mature	Poor	Dead	U	Dead. Declining in health and condition.	3.0	28
G132	Hawthorn (Crataegus monogyna), Elder (Sambucus nigra), Bramble (Rubus fruticosus)	4(0)	100(1)	1.00	1.00	1.00	1.00	0.00	Semi Mature	Fair	Fair	C2	Low quality and value. Provides some screen. Self-seeded group of stems. Weak and suppressed. Scrubby boundary group with brambles upon fence	1.2	5
G133	Hawthorn (Crataegus monogyna), Elder (Sambucus nigra), Bramble (Rubus fruticosus), Sycamore (Acer pseudoplatanus)	4(0)	100(1)	1.00	1.00	1.00	1.00	0.00	Semi Mature	Fair	Fair	C2	Low quality and value. Provides some screen. Self-seeded group of stems. Weak and suppressed. Scrubby boundary group with brambles upon fence	1.2	5
G134	Sycamore (Acer pseudoplatanus)	13(4.5)	400(1)	3.50	4.00	3.50	4.00	4.50	Early Mature	Good	Good	B2	Moderate quality and value. Inaccessible. Off site. Part of linear group. Scattered deadwood. Crown distorted due to group pressure. Previously crown lifted on slope raised relative to site inside boundary. Diameter is estimated average.	4.8	72

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				N	E	S	W								
T135	Sycamore (Acer pseudoplatanus)	11(3.5)	470(1)	4.50	4.50	5.50	4.50	3.50	Early Mature	Good	Good	B2	Moderate quality and value. Off site.Close to fence	5.6	100
T136	Sycamore (Acer pseudoplatanus)	12(4)	500(1)	4.50	4.50	4.50	4.50	4.00	Early Mature	Good	Good	B2	Moderate quality and value. Off site.Close to fence	6.0	113
G137	Hawthorn (Crataegus monogyna)	4(0)	150(1)	2.00	2.00	2.00	2.00	0.00	Semi Mature	Good	Fair	C2	Low quality and value. Small with limited current landscape value. Self-seeded group of stems. Part of linear group.Diameter is estimated average.	1.8	10
T138	Sycamore (Acer pseudoplatanus)	12.5(2.5)	480(1)	4.70	4.70	4.70	4.70	2.50	Early Mature	Good	Good	B2	Moderate quality and value. Off site.Close to fence	5.8	104
T139	Sycamore (Acer pseudoplatanus)	13(2.5)	550(1)	5.00	5.00	5.00	5.00	2.50	Mature	Good	Good	B2	Good quality with high landscape value. Off site.Close to fence	6.6	137
T140	Hawthorn (Crataegus monogyna)	4.5(0.5)	300(1)	2.00	2.50	2.00	2.00	0.50	Early Mature	Poor	Fair	U	Declining in health and condition.Diameter is estimated average.	3.6	41
H141	Hawthorn (Crataegus monogyna)	4.5(0)	300(1)	1.00	1.00	1.00	1.00	0.00	Early Mature	Fair	Fair	C12	Moderate quality, but of reduced value due to small size. Provides some screen. Dieback in crown.Old boundary hedgerow sparse canopies generally, some decline. Outgrown not flailed in a whileDiameter is an estimated maximum.	3.6	41
G142	Hawthorn (Crataegus monogyna)	3.5(0)	180(1)	1.50	1.50	1.50	1.50	0.00	Semi Mature	Fair	Fair	C12	Low quality and value. Provides some screen. Part of linear group. Sparse foliage. Dieback in crown.Diameter is an estimated maximum.	2.2	15
H143	Hawthorn (Crataegus monogyna)	4.5(0)	200(1)	1.50	1.50	1.50	1.50	0.00	Early Mature	Fair	Good	C12	Moderate quality, but of reduced value due to small size. Provides some screen. Scattered deadwood. Dieback in crown.few gaps in fairly continuous outgrown hedgerow with brambles and some trees with sparser canopyDiameter is an estimated maximum.	2.4	18
H144	Hawthorn (Crataegus monogyna)	5(0)	200(1)	2.00	2.00	2.00	2.00	0.00	Early Mature	Fair	Good	C12	Moderate quality and value. Provides some screen. Scattered deadwood.Fairly continuous outgrown hedge with trees of mixed health so in decline towards northern portion. More sporadic to North of hedgeDiameter is an estimated maximum.	2.4	18

Tree Number	Common Species Name	Height (m)	Stem Diameter	Crown Spread (m)				Height of Crown Clearance (m)	Age Class	Physiological Condition	Structural Condition	BS5837 Category	Comments/Preliminary Management Recommendations	RPA Radius (m)	Root Protection Area (m2)
				N	E	S	W								
G145	Hawthorn (Crataegus monogyna)	5(0)	250(1)	2.00	2.00	2.00	2.00	0.00	Early Mature	Good	Good	B2	Moderate quality and value. Provides some screen. Part of linear group. Continuous outgrown hedgerow of mainly hawthorn. Occasional gaps in group. Generally of Good health but some segments in decline Cat C mix. Collectively Cat B Diameter is an estimated maximum.	3.0	28
T146	Hawthorn (Crataegus monogyna)	8(0.5)	450(1)	4.50	4.50	4.50	4.50	0.50	Mature	Good	Good	B2	Moderate quality and value. Diameter is an estimated maximum.	5.4	92
G147	Sycamore (Acer pseudoplatanus), Ash (Fraxinus excelsior), Common Alder (Alnus glutinosa)	12(2)	430(1)	4.00	4.00	4.00	4.00	2.00	Early Mature	Good	Good	B2	Moderate quality and value. Provides some screen. Located on bank. Crown distorted due to group pressure. Mainly EM Alder alongside stream embankment RPA's influenced very complexly. Lower than access track, no RPA overlap there. Two Ash trees in group of reduced vitality due to dieback disease. Diameter is estimated average.	5.2	84
G148	Hawthorn (Crataegus monogyna)	3.5(0)	120(1)	1.50	1.50	1.50	1.50	0.00	Semi Mature	Good	Good	C2	Low quality and value. Small with limited current landscape value. Diameter is an estimated maximum.	1.4	7
T149	Hawthorn (Crataegus monogyna)	5.5(1)	350(1)	2.50	3.00	2.50	3.00	1.00	Mature	Good	Fair	C123	Moderate quality and value. Old trees likely part of historic boundary hedgerow	4.2	55
H150	Hawthorn (Crataegus monogyna)	2.2(0)	80(1)	1.00	1.00	1.00	1.00	0.00	Young	Fair	Good	C2	Low quality and value. Small with limited current landscape value.	1.0	3
G151	Hawthorn (Crataegus monogyna)	2(0)	75(1)	1.20	1.20	1.20	1.20	0.00	Semi Mature	Good	Good	C2	Low quality and value. Small with limited current landscape value. Diameter is an estimated maximum.	.9	3

Tree Number	Common Species Name	Height (m)	Stem Diameter	Crown Spread (m)				Height of Crown Clearance (m)	Age Class	Physiological Condition	Structural Condition	BS5837 Category	Comments/Preliminary Management Recommendations	RPA Radius (m)	Root Protection Area (m2)
				N	E	S	W								
W152	Sycamore (Acer pseudoplatanus), Hawthorn (Crataegus monogyna), Common Oak (Quercus robur), Goat Willow (Salix caprea), Elder (Sambucus nigra), Ash (Fraxinus excelsior), Common Alder (Alnus glutinosa)	14(3)	600(1)	5.00	5.00	5.00	5.00	3.00	Early Mature	Good	Good	A2	Good quality with high landscape value. Provides some screen. Scattered deadwood. Crown distorted due to group pressure. Typical defects for group woodland strip amongst sloped topography due to stream tun from fields, Inc deadwood and cohesive canopies with some stem decay ditritus and superficial buttress rog, particularly hawthorn and multi stemmed trees. Understory hawthorn cat C, majority of trees individually Cat B, with Ash in decline Cat U some Diameter is an estimated maximum.	7.2	163
T153	Hawthorn (Crataegus monogyna)	10(1)	400(1)	4.50	4.50	4.50	4.50	1.00	Early Mature	Good	Good	B2	Moderate quality and value. Diameter is an estimated maximum.	4.8	72
T154	Hawthorn (Crataegus monogyna)	4(0)	150(1)	2.00	2.00	2.00	2.00	0.00	Semi Mature	Good	Good	C2	Low quality and value. Small with limited current landscape value.	1.8	10
G155	Hawthorn (Crataegus monogyna)	5.5(0.5)	400(1)	2.50	3.00	2.50	3.00	0.50	Early Mature	Fair	Fair	C123	Moderate quality, but of reduced value due to small size. Old trees likely part of historic boundary hedgerow Diameter is an estimated maximum.	4.8	72
T156	Hawthorn (Crataegus monogyna)	5.5(1)	300(1)	2.50	3.00	2.50	3.00	1.00	Mature	Good	Fair	C123	Moderate quality and value. Old trees likely part of historic boundary hedgerow	3.6	41

Tree Number	Common Species Name	Height (m)	Stem Diameter	Crown Spread (m)				Height of Crown Clearance (m)	Age Class	Physiological Condition	Structural Condition	BS5837 Category	Comments/Preliminary Management Recommendations	RPA Radius (m)	Root Protection Area (m2)
				N	E	S	W								
W157	Sycamore (Acer pseudoplatanus), Hawthorn (Crataegus monogyna), Common Oak (Quercus robur), Elder (Sambucus nigra), Ash (Fraxinus excelsior), Hazel (Corylus avellana), Goat Willow (Salix caprea), Downy Birch (Betula pubescens)	14(2)	600(1)	5.00	5.00	5.00	5.00	2.00	Mature	Good	Good	A2	Good quality with high landscape value. Provides some screen. Located on bank. Dense mixed woodland with trees rooted on steep descending slopes due to topography with stream running centre of group. Some adb with ADB, some understory regeneration of oak hawthorn, 50% of composition is oak. Majority EM Age. RPAs offset due to rooting. Diameter is an estimated maximum.	7.2	163
G158	Hawthorn (Crataegus monogyna)	4.5(0)	200(1)	1.50	1.50	1.50	1.50	0.00	Semi Mature	Good	Good	C12	Moderate quality and value. Provides some screen. Relatively continuous outgrown hedge in segments. Some of individual trees in group arguable Cat B due to larger size and well rounded full healthy canopies. Diameter is an estimated maximum.	2.4	18
H159	Hawthorn (Crataegus monogyna)	4(0)	150(1)	1.20	1.20	1.20	1.20	0.00	Semi Mature	Good	Good	C12	Moderate quality, but of reduced value due to small size. Provides some screen. Relatively continuous outgrown hedge in segments with sparser segments and some gaps. Some individuals which form hedge in decline. Cat U. Diameter is an estimated maximum.	1.8	10
T160	Downy Birch (Betula pubescens)	12.5(2)	280,310,340(3)	4.00	4.50	4.50	4.00	2.00	Mature	Good	Good	B12	Moderate quality and value. Part of woodland group extending to east	6.5	132

Tree Number	Common Species Name	Height (m)	Stem Diameter	Crown Spread (m)				Height of Crown Clearance (m)	Age Class	Physiological Condition	Structural Condition	BS5837 Category	Comments/Preliminary Management Recommendations	RPA Radius (m)	Root Protection Area (m2)
				N	E	S	W								
G161	Common Oak (Quercus robur)	13(2)	600(1)	6.50	6.50	6.50	6.50	2.00	Mature	Good	Good	A2	Good quality with high landscape value. Provides some screen. Scattered deadwood. Crown distorted due to group pressure. Extension east from wood, and group along field boundaries. Trees rooted in ditch of descending slope towards stream, drainage outflow off fields. Other self regenerated trees in understory inc elder, hawthorn, ash and smaller oak. Specimen EM and Mature oak individually Cat B rated due to minor defects and size, reduced canopy vigour due to adj pressures. Diameter is an estimated maximum.	7.2	163
G162	Hawthorn (Crataegus monogyna)	4.5(0)	150(1)	3.00	3.00	3.00	3.00	0.00	Semi Mature	Fair	Fair	C2	Low quality and value. Scattered deadwood. Dieback in crown. Diameter is estimated average.	1.8	10
G163	Hawthorn (Crataegus monogyna)	4.8(0)	300(1)	2.00	2.00	2.00	2.00	0.00	Early Mature	Good	Good	C123	Moderate quality, but of reduced value due to small size. Small with limited current landscape value. Mostly solo standing trees along old field boundary no fencing at present. Diameter is an estimated maximum.	3.6	41
G164	Hawthorn (Crataegus monogyna), Common Oak (Quercus robur), Ash (Fraxinus excelsior), Goat Willow (Salix caprea)	6.5(0)	300(1)	4.00	4.00	4.00	4.00	0.00	Early Mature	Good	Good	B2	Moderate quality and value. Part of linear group. Continuous group comprising mainly willow and hawthorn beyond fence field boundary on ascending mound. Diameter is an estimated maximum.	3.6	41

Tree Number	Common Species Name	Height (m)	Stem Diameter	Crown Spread (m)				Height of Crown Clearance (m)	Age Class	Physiological Condition	Structural Condition	BS5837 Category	Comments/Preliminary Management Recommendations	RPA Radius (m)	Root Protection Area (m2)
				N	E	S	W								
G165	Goat Willow (Salix caprea), Elder (Sambucus nigra), Hawthorn (Crataegus monogyna)	10(0)	500(1)	5.00	5.00	5.00	5.00	0.00	Early Mature	Good	Good	B12	Moderate quality and value. Provides some screen. Part of linear group. Dense continuous group comprised mainly willow multi stemmed yet of up to 500mm average diameter collectively approx. Some small canopy gaps in centre but generally full canopy connectivity along boundary. occasional hawthorn in understory. Diameter is an estimated maximum.	6.0	113
G166	Hawthorn (Crataegus monogyna)	4(0)	250(1)	2.00	2.00	2.00	2.00	0.00	Semi Mature	Good	Good	C2	Small with limited current landscape value. Provides some screen. End of dense willow group, scrubby hawthorn sporadic canopies with dense brambles. Diameter is an estimated maximum.	3.0	28
G167	Norway Maple (Acer platanoides)	8.5(0)	160,210(2)	3.00	2.50	3.00	2.50	0.00	Semi Mature	Good	Fair	C2	Moderate quality and value. Self-seeded group of stems. Part of linear group.	3.2	32
G168	Hawthorn (Crataegus monogyna)	3.5(0)	150(1)	1.50	1.50	1.50	1.50	0.00	Semi Mature	Good	Good	C2	Small with limited current landscape value. Provides some screen. scrubby hawthorn segment of hedgerow with dense brambles next to self xerxed sycamore trees. Diameter is an estimated maximum.	1.8	10
G169	Norway Maple (Acer platanoides)	13(4.5)	550(1)	5.00	5.00	5.00	5.00	4.50	Mature	Good	Good	B2	Good quality with high landscape value. Scattered deadwood. Crown distorted due to group pressure. Group of 3 mature sycamore offsite on soft verge next to metal fence. Previously crown lifted RPA likely under on site fields but less concentric due to trees being situated on raised mound relative to field. Diameter is an estimated maximum.	6.6	137
G170	Hawthorn (Crataegus monogyna)	3.5(0)	200(1)	1.50	1.50	1.50	1.50	0.00	Semi Mature	Fair	Good	C2	Declining in health and condition. Low quality and value. Small with limited current landscape value. Sporadic hawthorn along metal boundary fence. Scrubby self seeded willow saplings <75mm densely rooted in numbers beyond fence offsite. Diameter is an estimated maximum.	2.4	18

Tree Number	Common Species Name	Height (m)	Stem Diameter	Crown Spread (m)				Height of Crown Clearance (m)	Age Class	Physiological Condition	Structural Condition	BS5837 Category	Comments/Preliminary Management Recommendations	RPA Radius (m)	Root Protection Area (m2)
				N	E	S	W								
G171	Hawthorn (Crataegus monogyna)	5(0)	250(1)	2.00	2.00	2.00	2.00	0.00	Semi Mature	Fair	Good	C12	Moderate quality, but of reduced value due to small size. Small with limited current landscape value. Close to metal fence, on site, Diameter is an estimated maximum.	3.0	28
G172	Norway Maple (Acer platanoides), Common Oak (Quercus robur), Hawthorn (Crataegus monogyna)	12(2)	370(1)	4.00	4.00	4.00	4.00	2.00	Semi Mature	Good	Good	B2	Moderate quality and value. Inaccessible. Off site. Scattered deadwood. Crown distorted due to group pressure. Dense group mixed age class and size offsite, canopies overhanging fence obet fields, canopy height here is 3m overhanging my maximum 2m. RPA under site fields slightly. Trees rooted on ascending mound towards Industrial areas Diameter is an estimated maximum.	4.4	62
G173	Crack Willow (Salix fragilis)	12.5(4.5)	280,350(2)	4.50	4.00	4.50	4.00	4.50	Early Mature	Fair	Fair	B2	Moderate quality and value. Inaccessible. Off site. Multiple stems below 1.5m. Scattered deadwood. Broken branches in crown.	5.4	91

Plans:

Tree Constraints Plan (TCP), (16551/P06b)

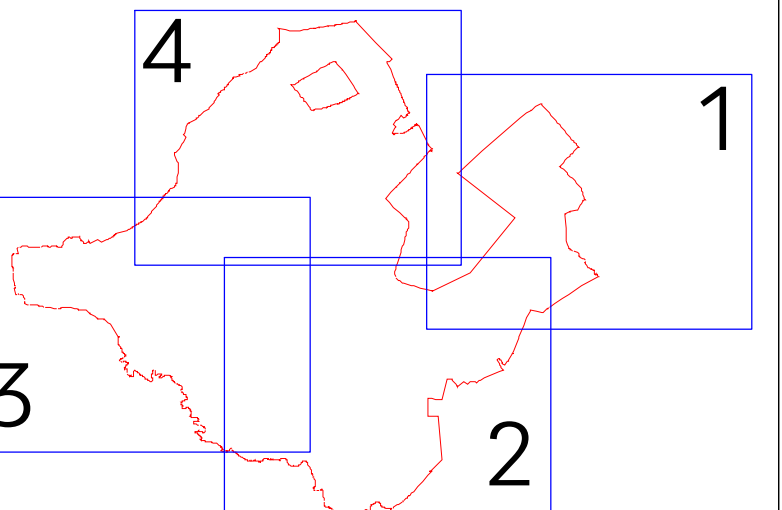
Tree Retention and Removal Plan (TRRP), (16551/P10a)





- Application Boundary
- Category A - Trees of High Quality and Value
- Category B - Trees of Moderate Quality and Value
- Category C - Trees of Low Quality and Value
- Category U - Trees in Poor Condition
- Root Protection Areas

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B	Update Tree Data using Bing Map	28.01.2025
R	Survey Update	13.11.2024
Rev	Description	Date



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E: info@tylergrange.co.uk
W: www.tylergrange.co.uk

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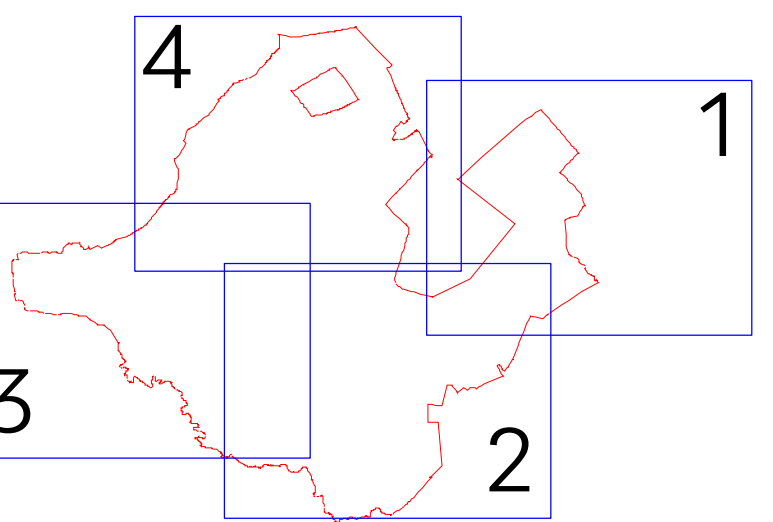
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Tree Constraints Plan - Sheet 1 of 4

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Date	28.01.2025	Checked	WS
Drawing number	16551_P06	Revision	B



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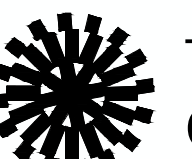


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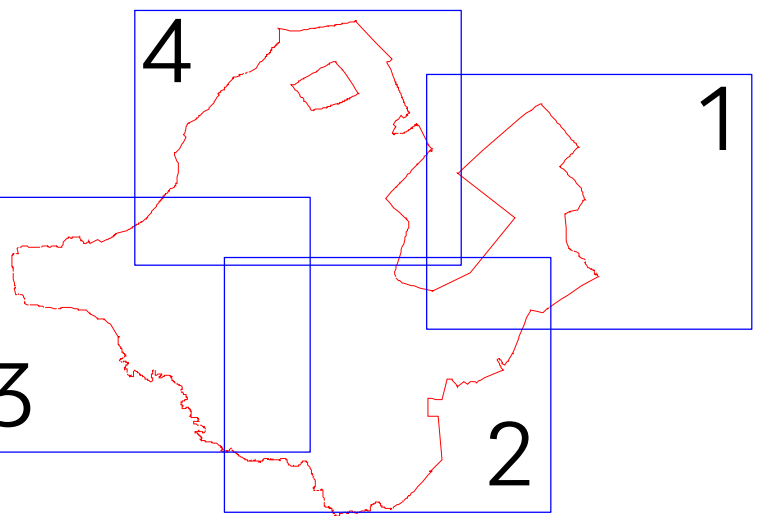
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Drawing number	Revision
16551_P06	B



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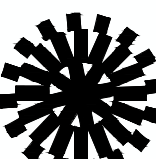


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R	Survey Update	13.11.2024
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Project title Northern Gateway JPA 1.1			
Drawing title Tree Constraints Plan - Sheet 3 of 4			
Scale Date	1:1250 @ A0 28.01.2025	Drawn Checked	HWH WS
Drawing number 16551_P06		Revision B	



Application Boundary

Category A - Trees of High Quality and Value

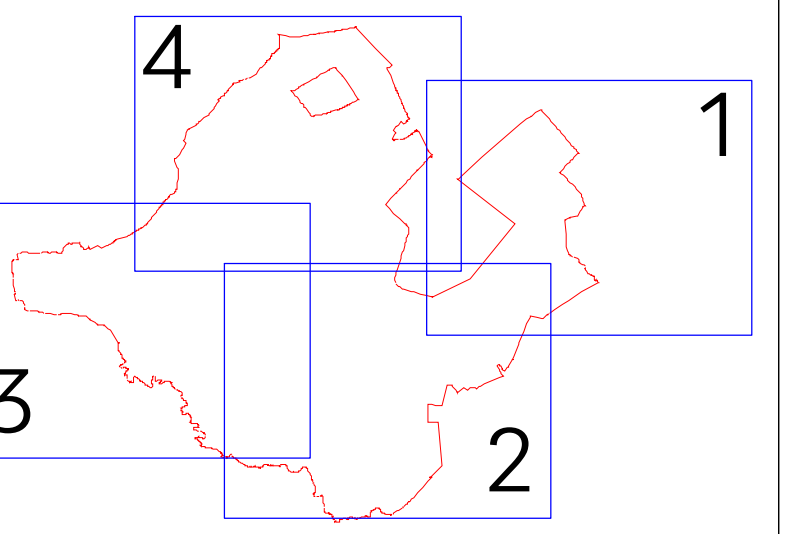
Category B - Trees of Moderate Quality and Value

Category C - Trees of Low Quality and Value

Category U - Trees in Poor Condition

Root Protection Areas

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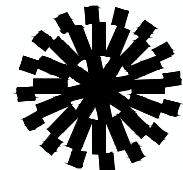
Survey Update

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Tree Constraints Plan - Sheet 4 of 4

Scale

1:1250 @ A0

Drawn

HWH

Date

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Checked

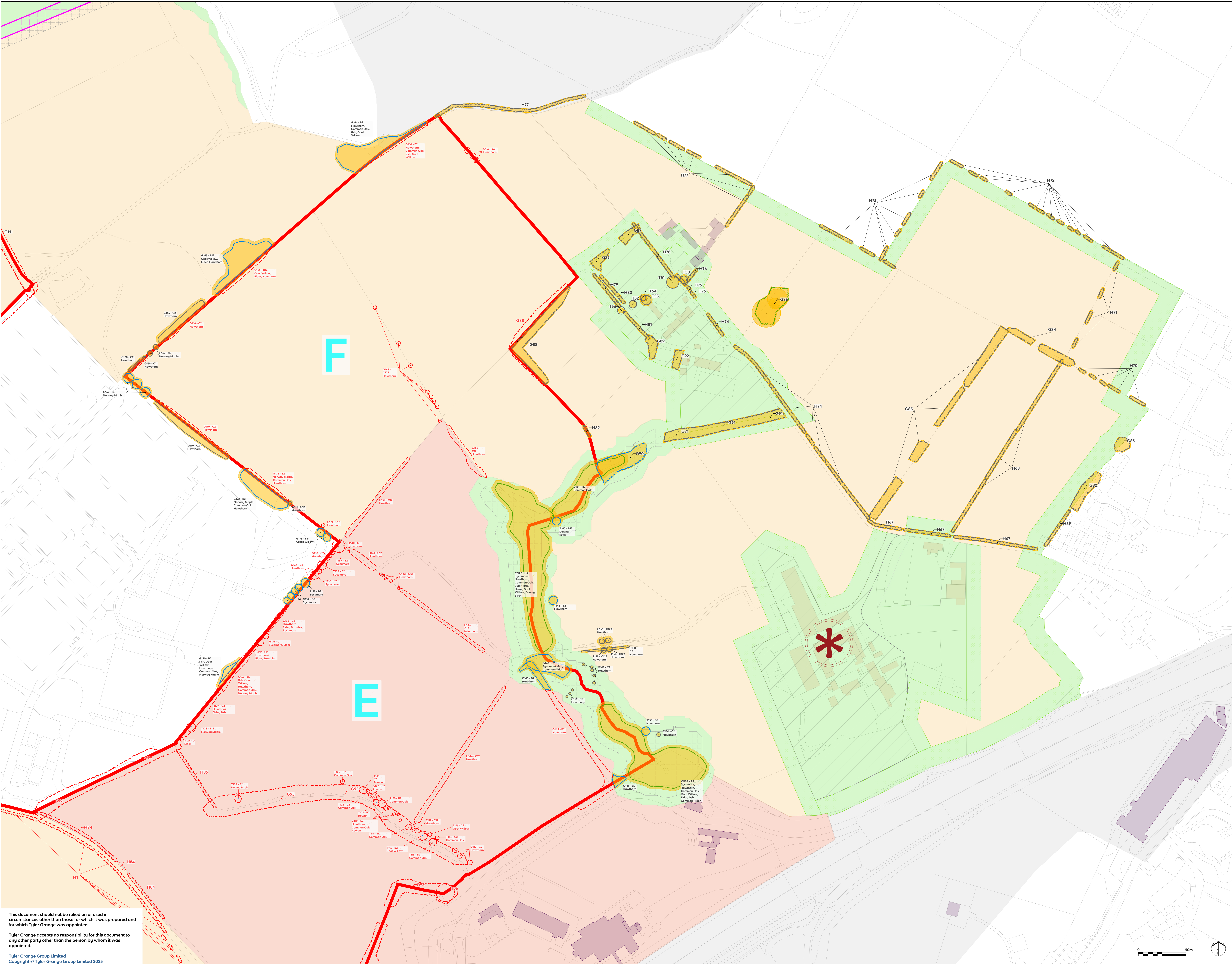
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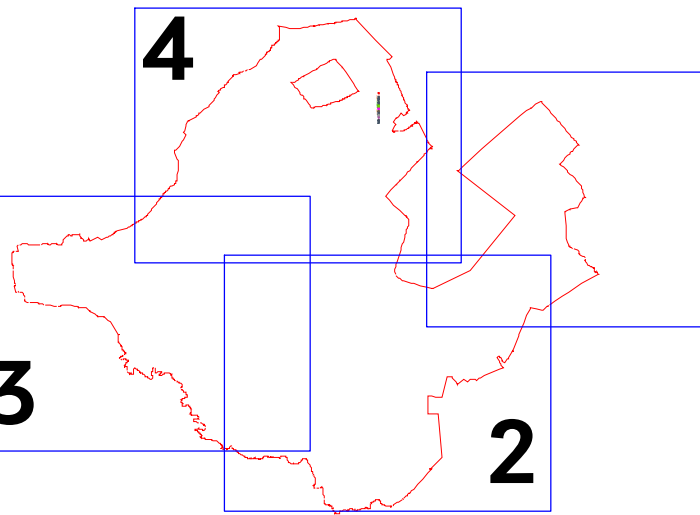
Revision

B



- Application Boundary
- Category A - Trees of High Quality and Value
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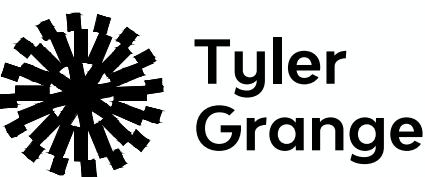


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R Minor changes to tree removals 04/02/2025
Rev Description Date

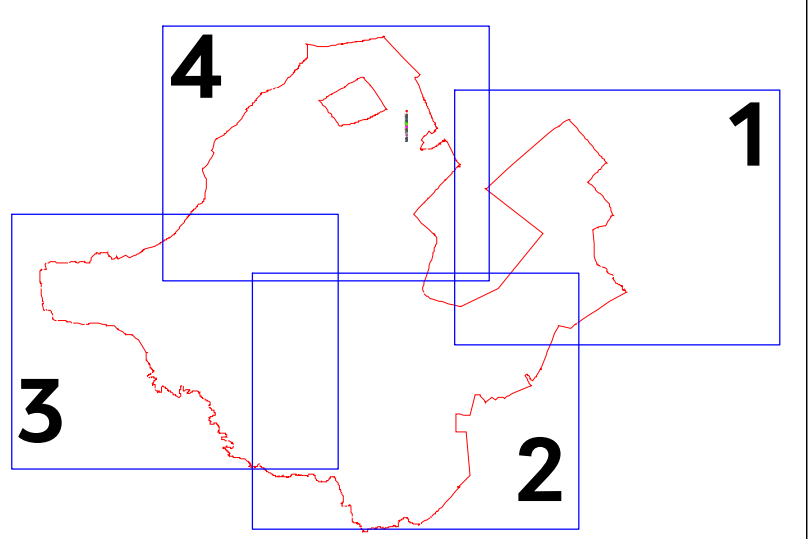
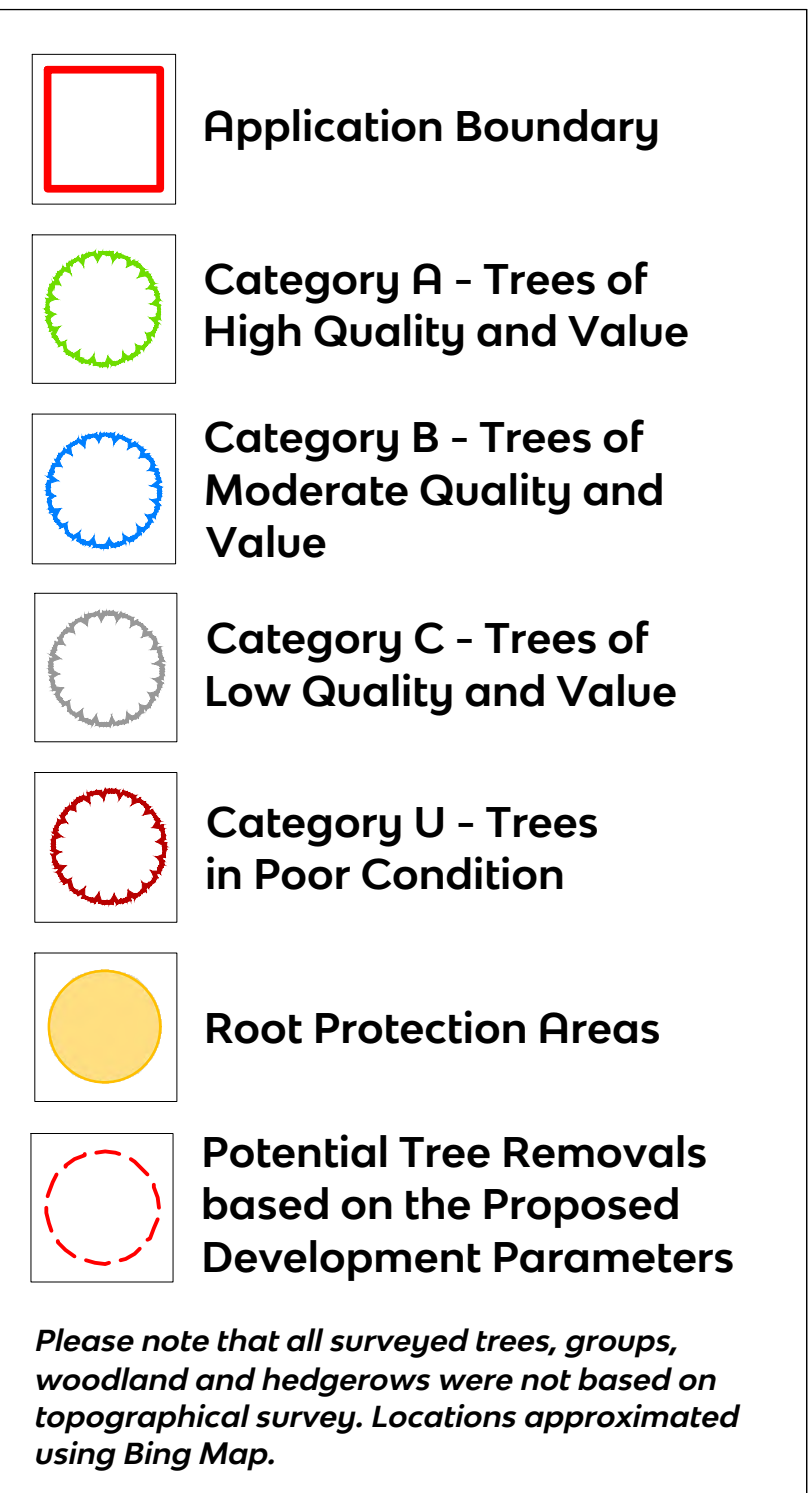


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Drawing title
Preliminary Tree Retention and Removal Plan
- Sheet 1 of 4

Scale 1:1250 @ A0
Date 04.02.2025
Drawing number 16551_P10
Drawn Checked LB JJ
Revision A



A	Minor changes to tree removals	04/02/2025
Rev	Description	Date



Project title	Northern Gateway JPA 1.1
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Drawing title
Preliminary Tree Retention and Removal Plan
- Sheet 2 of 4

Scale	1:1250 @ A0	Drawn	LB
Date	04.02.2025	Checked	JJ

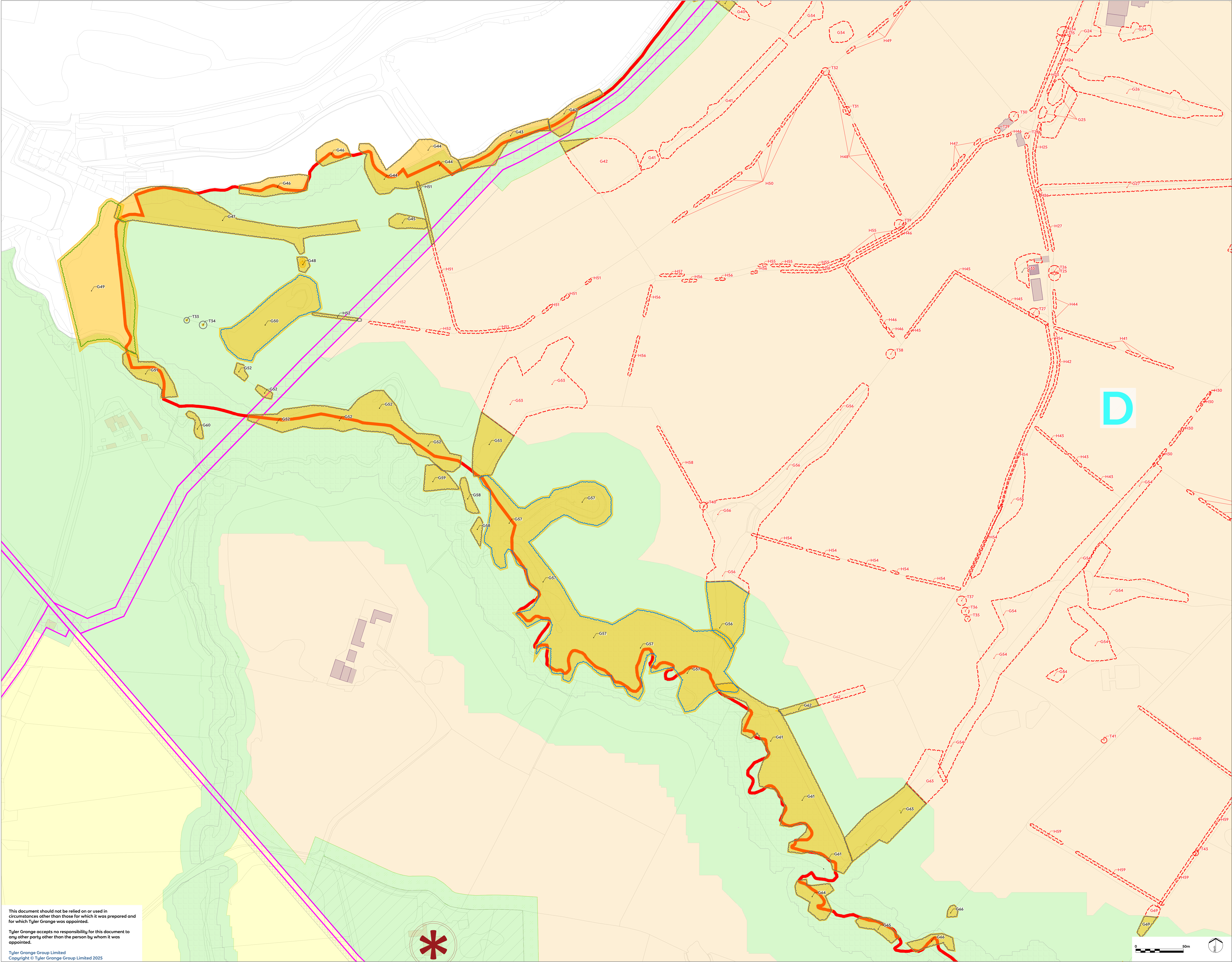
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16551_P10	A

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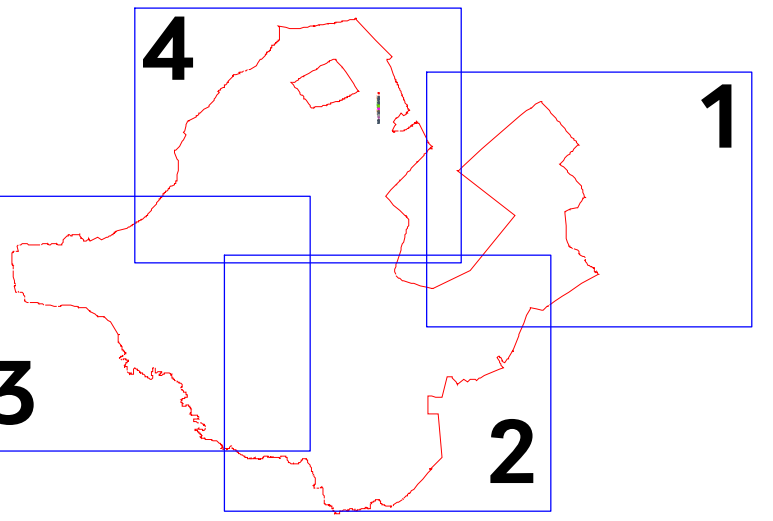
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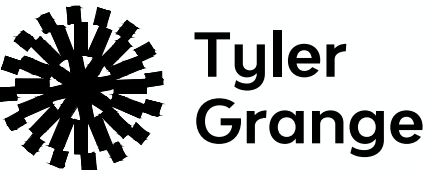


- Application Boundary
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R	Rev	Minor changes to tree removals	04/02/2025
Description	Date		



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Preliminary Tree Retention and Removal Plan
- Sheet 3 of 4

Scale
Date
1:1250 @ A0
04.02.2025

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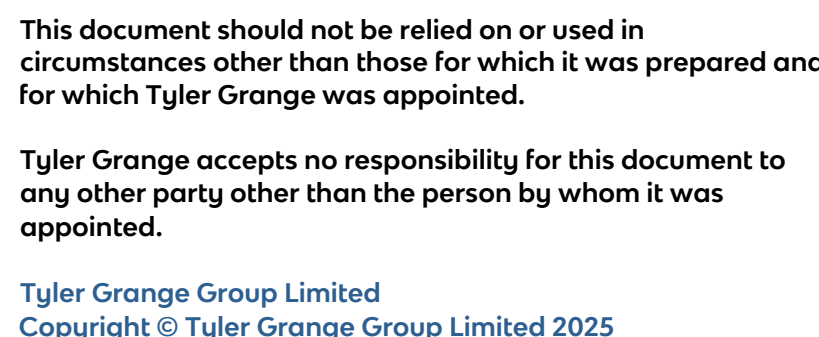
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Rev	Description	Date
	Minor changes to tree removals	04/02/2025



Project title
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Drawing title
Preliminary Tree Retention and Removal Plan
Sheet 4 of 4

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