

## ENVIRONMENTAL STATEMENT (VOLUME III)

### Appendix 9-11 Arboricultural Impact Assessment (Clean)

#### HyNet Carbon Dioxide Pipeline DCO

Planning Act 2008

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# 1. INTRODUCTION

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## 1.1. BACKGROUND

- 1.1.1. The focus of this report is the Development Consent Order (DCO) Proposed Development. The DCO Proposed Development includes Ince Above Ground Installation (AGI) to Stanlow AGI Pipeline, Stanlow AGI to Flint AGI Pipeline, Flint AGI to Flint Connection Pipeline, four AGIs, six Block Valve Stations (BVS), other above ground infrastructure including Cathodic Protection (CP), connections infrastructure including power utilities, and temporary ancillary works including compounds and temporary access tracks.
- 1.1.2. Open-cut trenching methods will be used for the majority of the Newbuild Carbon Dioxide Pipeline. For complex crossings to avoid disruption to utilities, major highways, railways, watercourses, particular environmental sensitivities, e.g., ancient woodland and veteran trees, trenchless construction methods will be used.
- 1.1.3. A full description of the DCO Proposed Development is provided in **Chapter 3 – Description of the DCO Proposed Development (Volume II)**.

## 1.2. SCOPE OF REPORT

- 1.2.1. The purpose of this report is to identify all trees which have the potential to be affected by the DCO Proposed Development, assess the preliminary impact of the DCO Proposed Development on those trees, and to recommend protection measures as are necessary to ensure the health of retained trees.
- 1.2.2. The scope and level of detail included within this report is commensurate with that required for the adequate consideration of arboricultural features as part of the DCO Proposed Development.
- 1.2.3. Information provided complies with the requirements of British Standard 5837:2012 Trees in relation to design, demolition and construction – Recommendations and includes reference to the following:
- desk study search for baseline information on arboricultural statutory designations;
  - results of a BS 5837 walkover survey;
  - an Arboricultural Impact Assessment (AIA); and,
  - an Outline Arboricultural Method Statement (AMS).
- 1.2.4. Impacts should be defined as arboricultural removals and matters that need to be addressed within an AMS. As explained further in **Section 1.3** given the Preliminary Design stage, the impacts assessed are preliminary in nature.
- 1.2.5. This report presents the findings based on the seven sections of the DCO Proposed Development, as described in **Chapter 3 – Description of the DCO Proposed Development (Volume II)** and Sections 1-6 are shown on the

Preliminary Constraints and Impacts Plan (**Annex D**) and Section 7 is shown fully on the Tree Removal and Protection Plan (Section 7 of DCO Proposed Development) (**Annex E**).

### **1.3. LIMITATIONS AND ASSUMPTIONS**

- 1.3.1. TPOs may be made whenever a local planning authority deems it appropriate with only those persons interested in the land served with a copy of the Order. Because of this, any reference to the presence of TPOs is only valid on the date at which the desk study search was undertaken.
- 1.3.2. Trees are influenced by a variety of environmental variables and their health and condition can rapidly change. Because of this, any recommendations made within this report are valid for a period of 24 months from the date of survey, when any site conditions change or pruning or other works unspecified in the report are carried out to, or affecting, the subject trees, whichever is the sooner.
- 1.3.3. This report does not constitute a health and safety survey. Where concerns for health and safety from trees exist then necessary and appropriate tree inspections should be carried out.
- 1.3.4. Owing to the Preliminary Design Stage, the assessment approach follows a reasonable worst-case basis, which is further discussed in Section 2.
- 1.3.5. Where topographical data wasn't available, the position of arboricultural features has been estimated using aerial photography and on-site GPS. The position and extent of these features should be regarded as approximate only.
- 1.3.6. Due to design development and access restrictions some areas were unable to be surveyed as part of this assessment and so have not been assessed. These areas are shown on the Preliminary Constraints and Impacts Plan as 'Areas Not Surveyed'. These areas should be surveyed and assessed at the detailed design stage.

### **1.4. RELEVANT LEGISLATION, POLICY AND GUIDANCE**

- 1.4.1. This report has been compiled with reference to the following legislation, policy and guidance.

#### **LEGISLATION**

##### **Town and Country Planning Act 1990**

- 1.4.2. The Town and Country Planning Act (as amended by the Planning Act 2008) sets out the general duties of planning authorities in relation to tree preservation and planting of trees. This Act provides the law in which TPOs and trees in conservation areas are protected.

### **Town and Country Planning (Tree Preservation) (England) Regulations 2012**

- 1.4.3. These Regulations, which apply in relation to England only, substantially revoke and replace the Town and Country Planning (Trees) Regulations 1999. They provide further statutory considerations in relation to TPOs and trees in conservation areas.

### **Town and Country Planning (Trees) (Amendment) (Wales) Regulations 2017**

- 1.4.4. These Regulations, which apply in relation to Wales only, amend the Town and Country Planning (Trees) Regulations 1999. They provide further statutory considerations in relation to TPOs and trees in conservation areas.

## **NATIONAL POLICY**

### **Planning Policy Wales (February 2021)**

- 1.4.5. Planning Policy Wales sets a strong presumption against removal of trees, woodlands and hedgerows as they should be protected for their wildlife habitat and landscape character. It also states ancient woodland and individual ancient and veteran trees are irreplaceable habitat and should be afforded protection from development unless there are significant and clearly defined public benefits.

### **National Planning Policy Framework (NPPF) (revised 20 July 2021)**

- 1.4.6. The NPPF sets a precedent that development should be refused if it causes the loss or deterioration of veteran and ancient trees and ancient woodland as these are considered 'irreplaceable habitats' unless there are exceptional reasons and appropriate compensation is given.

## **LOCAL POLICY**

### **Flintshire County Council, Local Development Plan (2015-2030) (24 January 2023)<sup>1</sup>**

- 1.4.7. The DCO Proposed Development has taken cognisance of Flintshire County Council's Local Development Plan in particular Policy EN7 Development Affecting Trees, Woodlands, and Hedgerows. Under the policy, proposals that will result in significant loss of, or harm to, trees, woodlands, or hedgerows of biodiversity, historic, and amenity value will not be permitted. However, the DCO Proposed Development recognises that where the impact of development affecting trees, woodlands, or hedgerows is considered acceptable, they should maximise retention of these features, and where losses are expected they should be mitigated through planting that results in a net benefit in biodiversity (**Ref. 1**).

**Flintshire County Council, Supplementary Planning Guidance Note No.04  
Trees and Development (17 January 2017)<sup>2</sup>**

- 1.4.8. The DCO Proposed Development recognises the additional guidance related to tree assessment and protection detailed within Flintshire Council Council's Supplementary Planning Guidance Note No.4 Trees and Development (**Ref. 2**). The DCO Proposed Development specifically recognises that large developments are required to have a comprehensive tree survey conducted in accordance with BS 5837.

**Cheshire West and Cheshire Council, Local Plan (Part Two) Land  
Allocations and Detailed Policies (adopted 18 July 2019)<sup>3</sup>**

- 1.4.9. The DCO Proposed Development has also taken cognisance of the Cheshire West and Cheshire Council's Local Plan in particular Policy DM 45 – Trees, woodland and hedgerows. This policy recognises the need to conserve and enhance existing trees, woodland, orchards and hedgerows and where not possible development should include replacement trees. Particular attention should be given to veteran trees and ancient woodland as they are considered irreplaceable habitat (**Ref. 3**).

**GUIDANCE**

**British Standards Institute. BS 5837: 2012 Trees in relation to design,  
demolition and construction – Recommendations. London: BSI**

- 1.4.10. The British Standard BS5837 gives recommendations on guidance on the relationship between trees and design, demolition, and construction processes. It sets out principles and procedures to be applied to achieve harmonious and sustainable relationship between trees and development and is applicable whether or not planning permission is required (**Ref. 4**).

**1.5. ABBREVIATIONS OF TERMS USED**

**Table 1-1 List of abbreviations used within this report**

| <b>Acronym</b> | <b>Definition</b>   |
|----------------|---|
| AIA            | Arboricultural Impact Assessment  |
| AMS            | Arboricultural Method Statement - A methodology for the implementation of any aspect of development which is within the root protection area, or has the capacity to adversely affect, any retained tree. |

| Acronym | Definition  |
|---------|---|
| BS 5837 | British Standard BS 5837:2012 'Trees in relation to design, demolition and construction – Recommendations' - This standard 'gives recommendations and guidance on the relationship between trees and the design, demolition and construction process. It sets out the principles and procedures to be applied to achieve a harmonious and sustainable relationship between trees and structures'. |
| CEZ     | Construction Exclusion Zone - An area within which all site clearance and construction activities, access and storage of materials are prohibited.  |
| RPA     | Root Protection Area - Layout design tool indicating the minimum area around a tree deemed to contain sufficient roots and rooting volume to maintain the tree's vitality.  |
| TPO     | Tree Preservation Orders - An order made by the Local Planning Authority to protect specific trees, groups of trees or woodlands in the interests of amenity.   |



## 2. ARBORICULTURAL METHODOLOGY

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### 2.1. STUDY AREA

2.1.1. The Study Area comprises the Newbuild Infrastructure Boundary plus a buffer of up to 15m. The purpose of the 15m buffer is to ensure compliance with BS 5837 which recommends that all arboricultural features whose Root Protection Areas (RPAs) may be impacted are identified, surveyed, and included within the assessment.

### 2.2. BASELINE DATA COLLECTION

2.2.1. Baseline data collection has been undertaken with reference to BS 5837 and has been undertaken using the following data sources:

- an arboricultural desk study; and
- a walkover survey of noteworthy arboricultural features within the Study Area.

### 2.3. DESK STUDY

2.3.1. A desk study was undertaken on 07 July 2022 as a means of identifying statutory and non-statutory arboricultural constraints within the Study Area. Details of the desktop study method are set out in **Annex A**.

### 2.4. WALKOVER SURVEY

2.4.1. A walkover survey was undertaken between April and May 2022 to identify arboricultural features within the Sections 1-6 Study Area. A walkover survey for Section 7 was undertaken in March 2022. To support the Change Request 1 [CR1-124], additional surveys were undertaken in December 2022; the data of which has been used to update this report.

2.4.2. The surveys were undertaken to comply with BS 5837 and details of the methods used are presented in **Annex A**.

### 2.5. ASSESSMENT METHODOLOGY

2.5.1. Owing to the Preliminary Design Stage, the assessment approach follows a reasonable worst-case basis. For reasons of buildability and the large number of tree features, an automatic script has been used to provide a Red Amber Green (RAG) assessment approach for trees. A script has been designed within a Geographical Information System (GIS) process where all trees within an indicative 32m buffer of the Carbon Dioxide Pipeline have been automatically assessed as 'removed' (Red). Trees outside this area but within the Newbuild Infrastructure Boundary have been assessed as 'at risk of removal but aiming to retain' (ARAtR) (Amber). For the purpose of this assessment, these ARAtR trees are not considered to require removal however this assumes appropriate

mitigation will be adhered to and specified in a site-specific Arboricultural Method Statement (AMS) and shown on a Tree Protection Plan (TPP). All trees outside the Newbuild Infrastructure Boundary within the study area have been assessed as 'retained with protection measures' (RwPM) (Green). Tree groups which straddle assessment boundaries are assessed using a worst-case approach e.g. if a tree group is located between Red and Amber it will be assessed as 'partial removal' (Red).

- 2.5.2. However, some manual adjustment to the script results has been deemed necessary. Trees have been individually assessed where they are located within close proximity to a BVS, in areas of trenchless crossings, or where the tree has been identified as a veteran tree. A veteran tree workshop was undertaken on 17 June 2022 to determine potential impacts on veteran trees and, where feasible, embedded mitigation into the design development to allow retention of these important features. Although the automated script of RAG is shown on the Preliminary Constraints and Impacts Plan, where retention has been deemed possible, the RPAs of veteran trees have been manually amended to a hatched green. The assessment boundaries showing results of the RAG assessment are displayed on the Preliminary Constraints and Impacts Plan (as Annex D).
- 2.5.3. The impacts reported for tree features within Section 7, notably at Cornist Lane, Pentre Halkyn and Babell Block Valve Stations (BVS) have also been reported in a separate Arboricultural Impact Assessment concerning the separate TCPA Proposed Development as is described in **Chapter 3 – Description of the DCO Proposed Development (Volume II)**. Because they are isolated sections of work where the flexibility sought for pipeline construction is not applicable, the impact assessment for these features did not follow the above RAG assessment approach but have been assessed on a case-by-case basis, the results of which are displayed on a Tree Removal and Protection Plan (Section 7 of DCO Proposed Development) (Annex E).
- 2.5.4. A 'noteworthy' tree survey was provided for Sections 1-6, focusing on high quality (A grade as determined by BS 5837 and explained in Annex A) and moderate quality (B grade) tree features. According to BS 5837, low quality features (C grade) need not place a significant constraint on development and as such low-quality trees have been surveyed by desktop only with limited feature data collected. The details collected by this proportionate methodology is described further in Annex A. Tree survey data for Sections 1-6 is present within a tree survey schedule in Annex B. As trees associated with Section 7 were surveyed as part of the TCPA Proposed Development with a full tree survey being provided, and the results presented in a separate tree survey schedule within Annex C.
- 2.5.5. The indicative RPAs used at this Preliminary Design stage are based on a circle and are shown in the Preliminary Constraints and Impacts Plan at Annex D and the Tree Removal and Protection Plan (Section 7 of DCO Proposed Development) at Annex E. In line with a noteworthy survey, RPAs are shown on

the Preliminary Constraints and Impacts Plan for moderate and high-quality features only.

## **2.6. NEWBUILD INFRASTRUCTURE BOUNDARY DESIGN DEVELOPMENT, IMPACT AVOIDANCE AND EMBEDDED MITIGATION**

2.6.1. The following measures are committed to and form part of the design through embedded mitigation. They are included in the **Register of Environmental Actions and Commitments (REAC) (Document reference D.6.5.1)** and will be secured via the Construction Environmental Management Plan (CEMP). Further embedded mitigation in relation to existing hedgerows, trees, and woodlands and mitigatory planting is detailed in **Chapter 9 – Biodiversity (Volume II)** and **Chapter 12 – Landscape and Visual (Volume II)**.

- The detailed design alignment of the Newbuild Carbon Dioxide Pipeline will, wherever practicable, be micro-sited to avoid locally valued landscape features including woodland, hedgerows, and field drains, including RPAs of existing mature trees (**D-LV-005 of the REAC**);
- Micro-siting techniques will be employed throughout the detailed design of the DCO Proposed Development, including during pre-construction and construction to avoid waterbodies, sensitive habitats, trees (including ancient and veteran trees and trees covered by Tree Preservation Orders and trees within Conservation Areas), hedgerows, etc., as much as practicably possible. Where opportunities exist for routing through existing gaps in hedgerows, scrub and woodlands, avoiding the need to remove vegetation, these will be prioritised (**D-BD-009 of the REAC**);
- Where practicable, areas of woodland and trees within the Newbuild Infrastructure Boundary will be retained and exclusion buffers clearly demarcated (where woodland does not encroach into the 32m construction corridor). Identified woodlands include (shown on Figure 9.11.1 within Appendix 9.11 – Arboricultural Impact Assessment Report, Volume III), but are not limited to:
  - G978
  - G552
  - G328
  - G109
- The extent of demarcation of retained woodlands/trees will be driven by assessed RPAs of retained trees. Where encroachment within RPAs is required to facilitate construction, ECoW and arboriculturist advice will be sought to discuss sensitive working methods in order to protect retained trees. (**D-BD-010 of the REAC**)
- Where trees (stems) sit outside of the Newbuild Infrastructure Boundary, the RPAs of these trees will be protected and retained. Protective measures will be detailed within a site-specific AMS and shown on a Tree Protection Plan

(TPP) and where necessary, working methods will be monitored by a suitable Arboricultural Clerk of Works (AcoW). The Construction Contractor will prepare the AMS following detailed design and will ensure works within RPAs will be appropriately supervised in line with BS5837:2012 (**D-LV-014 of the REAC**).

- Hedgerows, trees and woodland which are located between trenchless crossing entry/exit pits (i.e. that the Newbuild Carbon Dioxide Pipeline will cross via trenchless method) will be protected and retained, unless otherwise required for access (**D-LV-028 of the REAC**);
- Construction works will utilise existing accesses wherever practicable. Where new temporary construction accesses are required in existing hedgerows, the width to be lost will be kept to the minimum practicable and will not exceed 15m. Hedgerows, trees, and woodland outside of this 15m will be protected and retained. Protective measures will be detailed within a site specific AMS and shown on a Tree Protection Plan (TPP) and where necessary working methods will be monitored by a suitable Arboricultural Clerk of Works (AcoW) (**D-LV-030 of the REAC**);
- The detailed design will seek to minimise the loss of tree groups G576 and G578 which are anticipated to be impacted to make way for a temporary access track (**D-LV-031 of the REAC**).
- Ancient Woodland areas will be protected with a minimum 15m works exclusion zone. Where environmental mitigation works, drainage works, or construction works in areas restricted by existing infrastructure occur within the Root Protection Areas (RPAs) of the ancient woodland ,tree protection measures will be detailed within a site-specific AMS and shown on a Tree Protection Plan (TPP). Where necessary, working methods will be monitored by a suitable Arboricultural Clerk of Works (AcoW). The Construction Contractor will prepare the AMS approved as part of the CEMP. (**D-LV-015 of the REAC**).
- All veteran trees assessed as ‘retained with protection measures’ within Appendix 9.11 – Arboricultural Impact Assessment will be protected and retained during detailed design, construction, operation, and decommissioning (**D-BD-070 of the REAC**).

2.6.2. Through the employment of embedded mitigation and use of protective measures during construction, all veteran trees have been assessed as ‘retained with protection measures’.

### 3. ARBORICULTURAL SURVEY FINDINGS

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#### 3.1. ARBORICULTURAL FEATURES

##### Section 1

- 3.1.1. Section 1 is located entirely within the Cheshire West and Chester Council (CWACC) Local Authority boundary.
- 3.1.2. There are no arboricultural features protected by TPOs or conservation areas. The desk study also found no records of ancient or veteran trees nor ancient woodland.
- 3.1.3. The Study Area in Section 1 consists predominantly of arable agricultural land to the south and east of Elton Green. Part of the Study Area in Section 1 is located within industrial land where access was unavailable for the surveys, although vegetation cover as apparent on aerial photography appears to be low. Arboricultural features are predominantly associated with agricultural field boundaries with some landscape screening present around the M56 Junction services and adjacent to road infrastructure.
- 3.1.4. A total of 123 arboricultural features, consisting of 78 individual trees and 45 groups of trees, were surveyed within the Study Area in Section 1.
- 3.1.5. A summary of tree quality categories is in **Table 3-1**.

**Table 3-1 Summary of BS 5837 tree quality categories for Section 1**

| <b>BS 5837 Category</b> | <b>Quality</b> | <b>Individual Trees</b> | <b>Groups</b> | <b>Total</b> |
|-------------------------|----------------|-------------------------|---------------|--------------|
| Category A              | High           | 1                       | 0             | <b>1</b>     |
| Category B              | Moderate       | 28                      | 14            | <b>42</b>    |
| Category C              | Low            | 40                      | 31            | <b>71</b>    |
| Category U              | Very Low       | 9                       | 0             | <b>9</b>     |
| <b>Total</b>            | -              | <b>78</b>               | <b>45</b>     | <b>123</b>   |

##### Section 2

- 3.1.6. Section 2 is located entirely within the CWACC's boundary.
- 3.1.7. There are no arboricultural features protected by TPOs within the Study Area in Section 2. The desk study also found no records of ancient or veteran trees nor ancient woodland.
- 3.1.8. The Study Area in Section 2 intersects the Chester Canal Conservation Area (West) at two points and at the most westerly point the G868 survey feature is located within this conservation area boundary. Two additional conservation

areas (Thornton le Moors Conservation Area and Picton Conservation Area) are located fully outside of the Newbuild Infrastructure Boundary.

- 3.1.9. The Study Area in Section 2 consists predominantly of arable agricultural land located between Thornton-le-Moore and Liverpool Road near Backford. Arboricultural features are predominantly associated with agricultural field boundaries.
- 3.1.10. A total of 276 arboricultural features, consisting of 191 individual trees and 85 groups of trees, were surveyed within the Study Area in Section 2.
- 3.1.11. A summary of tree quality categories is in **Table 3-2**.

**Table 3-2 Summary of BS5837 tree quality categories for Section 2**

| <b>BS 5837 Category</b> | <b>Quality</b> | <b>Individual Trees</b> | <b>Groups</b> | <b>Total</b> |
|-------------------------|----------------|-------------------------|---------------|--------------|
| Category A              | High           | 41                      | 14            | <b>55</b>    |
| Category B              | Moderate       | 55                      | 27            | <b>82</b>    |
| Category C              | Low            | 88                      | 43            | <b>131</b>   |
| Category U              | Very Low       | 7                       | 1             | <b>8</b>     |
| <b>Total</b>            | -              | <b>191</b>              | <b>85</b>     | <b>276</b>   |

- 3.1.12. There are 11 surveyed features that have been assessed as either veteran or Category A within the Study Area in Section 2. These are predominantly ash, with one oak and one hawthorn.

**Section 3**

- 3.1.13. The Study Area in Section 3 is located predominantly within the CWACC's boundary, but part of the Section intersects FCC's Boundary too. This means Section 3 is located within both England and Wales.
- 3.1.14. One conservation area 'Chester Canal Conservation Area (West)' is located within the Study Area in Section 3 however is fully located outside of the Newbuild Infrastructure Boundary.
- 3.1.15. There are no arboricultural features protected by TPOs within the Study Area in Section 3. The desk study found no records of ancient or veteran trees nor ancient woodland within the Study Area in Section 3.
- 3.1.16. The Study Area in Section 3 consists predominantly of arable agricultural land located between Liverpool Road near Backford and Sealand Road south of Saughall. Arboricultural features are predominantly associated with agricultural field boundaries.

- 3.1.17. The additional surveys carried out to support Change Request 1 [CR1-124] included eight new features within Section 3, consisting of seven individual trees and one group.
- 3.1.18. A total of 264 arboricultural features, consisting of 198 individual trees and 66 groups of trees, were surveyed within the Study Area in Section 3.
- 3.1.19. A summary of tree quality categories is in **Table 3-3**.

**Table 3-3 Summary of BS5837 tree quality categories for Section 3**

| <b>BS 5837 Category</b> | <b>Quality</b> | <b>Individual Trees</b> | <b>Groups</b> | <b>Total</b> |
|-------------------------|----------------|-------------------------|---------------|--------------|
| Category A              | High           | 49                      | 6             | <b>55</b>    |
| Category B              | Moderate       | 87                      | 23            | <b>110</b>   |
| Category C              | Low            | 56                      | 37            | <b>93</b>    |
| Category U              | Very Low       | 6                       | 0             | <b>6</b>     |
| <b>Total</b>            | -              | <b>198</b>              | <b>66</b>     | <b>264</b>   |

- 3.1.20. There are 15 surveyed features that have been assessed as either veteran or Category A within the Study Area in Section 3. These are predominantly oak and willow with one poplar and one alder.

#### **Section 4**

- 3.1.21. Section 4 is located entirely within the FCC's boundary.
- 3.1.22. There are no arboricultural features protected by TPOs or conservation areas within the Study Area in Section 4. The desk study also found no records of ancient or veteran trees.
- 3.1.23. Ancient Semi Natural Woodland as identified on the Natural Resource Wales ancient woodland inventory is located within the Study Area in Section 4 but outside of the Newbuild Infrastructure Boundary and is partially covered by survey feature G618.
- 3.1.24. The Study Area in Section 4 consists predominantly of arable agricultural land located around Sealand and Queensferry although some sections lies within or adjacent to urban and residential land associated with towns. Arboricultural features are predominantly associated with agricultural field boundaries.
- 3.1.25. A total of 229 arboricultural features, consisting of 147 individual trees and 82 groups of trees, were surveyed within the Study Area in Section 4.
- 3.1.26. A summary of tree quality categories is in **Table 3-4**.

**Table 3-4 Summary of BS5837 tree quality categories for Section 4**

| <b>BS 5837 Category</b> | <b>Quality</b> | <b>Individual Trees</b> | <b>Groups</b> | <b>Total</b> |
|-------------------------|----------------|-------------------------|---------------|--------------|
| Category A              | High           | 19                      | 5             | <b>24</b>    |
| Category B              | Moderate       | 49                      | 34            | <b>83</b>    |
| Category C              | Low            | 76                      | 43            | <b>119</b>   |
| Category U              | Very Low       | 3                       | 0             | <b>3</b>     |
| <b>Total</b>            | -              | <b>147</b>              | <b>82</b>     | <b>229</b>   |

3.1.27. There are seven surveyed features that have been assessed as either veteran or Category A within the Study Area in Section 4. These consist of three ash, three oak and two mixed broadleaves groups.

**Section 5**

3.1.28. The Study Area in Section 5 is located entirely within the FCC’s boundary.

3.1.29. There are no arboricultural features protected by TPOs or conservation areas within the Study Area in Section 5. The desk study also found no records of ancient or veteran trees.

3.1.30. There are three areas of ancient woodland as identified on the Natural Resource Wales ancient woodland inventory within the Study Area in Section 5 around Northtop Hall. Two areas of Restored Ancient Woodland Site are located within the Study Area in Section 5 but outside of the Newbuild Infrastructure Boundary and one area of Ancient Semi Natural Woodland is almost completely encapsulated within the Newbuild Infrastructure Boundary.

3.1.31. The Study Area in Section 5 consists predominantly of arable agricultural land located around Ewloe and Northtop Hall. Arboricultural features are predominantly associated with agricultural field boundaries.

3.1.32. The additional surveys carried out to support Change Request 1 [CR1-124] included 51 new features within Section 5 consisting of 42 individual trees and nine groups.

3.1.33. A total of 362 arboricultural features, consisting of 242 individual trees and 120 groups of trees, were surveyed within the Study Area in Section 5.

3.1.34. A summary of tree quality categories is in **Table 3-5**.

**Table 3-5 Summary of BS5837 tree quality categories for Section 5**

| <b>BS 5837 Category</b> | <b>Quality</b> | <b>Individual Trees</b> | <b>Groups</b> | <b>Total</b> |
|-------------------------|----------------|-------------------------|---------------|--------------|
|-------------------------|----------------|-------------------------|---------------|--------------|



|              |          |            |            |            |
|--------------|----------|------------|------------|------------|
| Category A   | High     | 43         | 11         | <b>54</b>  |
| Category B   | Moderate | 83         | 42         | <b>125</b> |
| Category C   | Low      | 112        | 67         | <b>179</b> |
| Category U   | Very Low | 4          | 0          | <b>4</b>   |
| <b>Total</b> | -        | <b>242</b> | <b>120</b> | <b>362</b> |

3.1.35. There are three surveyed features, an ash tree, a sycamore, and a group of mixed broadleaves, that have been assessed as veterans and Category A within the Study Area in Section 5.

### **Section 6**

3.1.36. The Study Area in Section 6 is located entirely within the FCC's boundary.

3.1.37. There are no arboricultural features protected by TPOs or conservation areas within the Study Area in Section 6. The desk study also found no records of ancient or veteran trees.

3.1.38. There are two areas of ancient woodland as identified on the Natural Resource Wales ancient woodland inventory within the Study Area in Section 6 at and near Leadbrook Wood. The area within Leadbrook Wood is Restored Ancient Woodland Site whilst the other area to the north is Ancient Semi Natural Woodland. Both areas are within the Study Area in Section 6 but are located outside of the Newbuild Infrastructure Boundary.

3.1.39. The Study Area in Section 6 consists predominantly of arable agricultural land located between Northtop Hall and Flint. Arboricultural features are predominantly associated with agricultural field boundaries.

3.1.40. A total of 70 arboricultural features, consisting of 50 individual trees and 20 groups of trees, were surveyed within the Study Area in Section 6.

3.1.41. A summary of tree quality categories is in **Table 3-6**.

**Table 3-6 Summary of BS5837 tree quality categories for Section 6**

| <b>BS 5837 Category</b> | <b>Quality</b> | <b>Individual Trees</b> | <b>Groups</b> | <b>Total</b> |
|-------------------------|----------------|-------------------------|---------------|--------------|
| Category A              | High           | 15                      | 4             | <b>19</b>    |
| Category B              | Moderate       | 25                      | 10            | <b>35</b>    |
| Category C              | Low            | 8                       | 6             | <b>14</b>    |
| Category U              | Very Low       | 2                       | 0             | <b>2</b>     |
| <b>Total</b>            | -              | <b>50</b>               | <b>20</b>     | <b>70</b>    |

**Section 7**

- 3.1.42. Section 7 is located entirely within the FCC's boundary.
- 3.1.43. There are no arboricultural features protected by TPOs or conservation areas within the Study Area in Section 7. The desk study also found no records of ancient or veteran trees nor ancient woodland.
- 3.1.44. The Study Area in Section 7 consists predominantly of arable agricultural land located between the west of Flint and north-west of Babel. The arboricultural features are mostly typical individual and grouped field boundaries and hedgerows associated with agriculture.
- 3.1.45. The additional surveys carried out to support Change Request 1 [CR1-124] included 21 new features within Section 7, consisting of ten individual trees and 11 groups.
- 3.1.46. A total of 90 arboricultural features, consisting of 41 individual trees and 49 groups of trees, were surveyed within the Study Area in Section 7.
- 3.1.47. A summary of Block Valve Stations tree quality categories is in **Table 3-7**.

**Table 3-7 Summary of BS5837 tree quality categories for Section 7**

| <b>BS 5837 Category</b> | <b>Quality</b> | <b>Individual Trees</b> | <b>Groups</b> | <b>Total</b> |
|-------------------------|----------------|-------------------------|---------------|--------------|
| Category A              | High           | 3                       | 0             | <b>3</b>     |
| Category B              | Moderate       | 18                      | 41            | <b>59</b>    |
| Category C              | Low            | 17                      | 8             | <b>25</b>    |
| Category U              | Very low       | 3                       | 0             | <b>3</b>     |
| <b>Total</b>            | -              | <b>41</b>               | <b>49</b>     | <b>90</b>    |

### Overview of arboricultural survey findings

- 3.1.48. Overall, a total of 1,414 arboricultural features, consisting of 947 individual trees and 467 groups of trees, were surveyed within the seven sections of DCO Proposed Development.
- 3.1.49. Approximately, 15% of the features have been assessed as being of high quality, 38% of moderate quality, 45% of low quality and 2% of very low quality. A summary of the identified arboricultural features within the Study Area is provided in **Table 3-8**.

**Table 3-8 Summary of BS5837 tree quality categories for DCO Proposed Development**

| <b>BS 5837 Category</b> | <b>Quality</b> | <b>Individual Trees</b> | <b>Groups</b> | <b>Total</b> |
|-------------------------|----------------|-------------------------|---------------|--------------|
| Category A              | High           | 171                     | 40            | <b>211</b>   |
| Category B              | Moderate       | 345                     | 191           | <b>536</b>   |
| Category C              | Low            | 397                     | 235           | <b>632</b>   |
| Category U              | Very low       | 34                      | 1             | <b>35</b>    |
| <b>Total</b>            | -              | 947                     | 467           | <b>1414</b>  |

- 3.1.50. There are 35 surveyed features that have been assessed as veterans and Category A within Study Area. These consist of 31 individual trees and four groups with oak, willow, ash, hawthorn and mixed broadleaves groups present.
- 3.1.51. Tree survey data for Sections 1 – 6 is presented within a tree survey schedule in Annex B and shown on the Preliminary Constraints and Impacts Plan (Annex D) whilst tree survey data for Section 7 is presented within a separate tree survey schedule in Annex C and shown on a Tree Removal and Protection Plan (Section 7 of the DCO Proposed Development) (Annex E).

## 4. ARBORICULTURAL IMPACT ASSESSMENT

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### 4.1. SCOPE OF ASSESSMENT

- 4.1.1. The scope of the AIA is to evaluate the preliminary effects of the DCO Proposed Development on arboricultural features and where possible recommend mitigation.
- 4.1.2. The assessment includes specific reference to the effects of tree loss and other potentially damaging activities which could foreseeably occur in the vicinity of retained trees.
- 4.1.3. Mitigation and best practice that may be applicable and is commensurate with the level of design detail available at this stage is summarised and discussed in the outline AMS.
- 4.1.4. The DCO Proposed Development design is displayed on the Preliminary Constraints and Impacts Plan at **Annex D** and Tree Removal and Protection Plan (Section 7 of the DCO Proposed Development) at **Annex E**.

### 4.2. ARBORICULTURAL FEATURES TO BE REMOVED

- 4.2.1. As mentioned in Section 1.2, the impact assessment has been split into the seven Sections of the DCO Proposed Development. The impact assessment results for Sections 1-7 are provided within Tables 4-1 to 4-7 below with an overview of total impacts for the DCO Proposed Development provided in Table 4-8.
- 4.2.2. The colours of the RAG assessment are provided in combination with the specific impact for individual trees and tree groups. Partial removal refers to groups that require one or more trees to be removed but where trees elsewhere within the group can still be retained. The tree impacts are also shown on the tree survey schedules within **Annex B** and **Annex C**.
- 4.2.3. Change Request 1 [CR1-124] required an additional two removals from Section 3 and three removals from Section 5. However, Change Request 1 in Section 3 has avoided the removal of seven trees, five of which are high quality, and three of these being assessed as veteran.

## SECTION 1

Table 4-1 Summary of RAG impact assessment for Section 1 features

| Feature      | Removed | Partial Removal | At Risk of Removal Aiming to Retain (ARAtR) | Retained with Protection Measures (RwPM) | Total |
|--------------|---------|-----------------|---|--|-------|
| Trees        | 8       | -               | 38  | 32                                       | 78    |
| Groups       | 0       | 5               | 12  | 28                                       | 45    |
| <b>Total</b> | 8       | 5               | 50  | 60                                       | 123   |

## SECTION 2

Table 4-2 Summary of RAG impact assessment for Section 2 features

| Feature      | Removed | Partial Removal | At Risk of Removal Aiming to Retain (ARAtR) | Retained with Protection Measures (RwPM) | Total |
|--------------|---------|-----------------|---|--|-------|
| Trees        | 26      | -               | 88  | 77                                       | 191   |
| Groups       | 0       | 20              | 47  | 18                                       | 85    |
| <b>Total</b> | 26      | 20              | 135   | 95                                       | 276   |

## SECTION 3

Table 4-3 Summary of RAG impact assessment for Section 3 features

| Feature      | Removed | Partial Removal | At Risk of Removal Aiming to Retain (ARAtR) | Retained with Protection Measures (RwPM) | Total |
|--------------|---------|-----------------|---|--|-------|
| Trees        | 16      | -               | 97  | 85                                       | 198   |
| Groups       | 1       | 13              | 34  | 18                                       | 66    |
| <b>Total</b> | 17      | 13              | 131   | 103                                      | 264   |

## SECTION 4

Table 4-4 Summary of RAG impact assessment for Section 4 features

| Feature      | Removed | Partial Removal | At Risk of Removal Aiming to Retain (ARAtR) | Retained with Protection Measures (RwPM) | Total |
|--------------|---------|-----------------|---|--|-------|
| Trees        | 14      | -               | 53  | 80                                       | 147   |
| Groups       | 0       | 18              | 43  | 21                                       | 82    |
| <b>Total</b> | 14      | 18              | 96  | 101                                      | 229   |

## SECTION 5

Table 4-5 Summary of RAG impact assessment for Section 5 features

| Feature      | Removed | Partial Removal | At Risk of Removal Aiming to Retain (ARAtR) | Retained with Protection Measures (RwPM) | Total |
|--------------|---------|-----------------|---|--|-------|
| Trees        | 51      | -               | 110   | 81                                       | 242   |
| Groups       | 1       | 39              | 51  | 29                                       | 120   |
| <b>Total</b> | 52      | 39              | 161   | 110                                      | 362   |

## SECTION 6

Table 4-6 Summary of RAG impact assessment for Section 6 features

| Feature      | Removed | Partial Removal | At Risk of Removal Aiming to Retain (ARAtR) | Retained with Protection Measures (RwPM) | Total |
|--------------|---------|-----------------|---|--|-------|
| Trees        | 9       | -               | 17  | 24                                       | 50    |
| Groups       | 0       | 7               | 7   | 6  | 20    |
| <b>Total</b> | 9       | 7               | 24  | 30                                       | 70    |

## SECTION 7

**Table 4-7 Summary of RAG impact assessment for Section 7 features**

| Feature      | Removed  | Partial Removal | At Risk of Removal Aiming to Retain (ARAtR) | Retained with Protection Measures (RwPM) | Total     |
|--------------|----------|-----------------|---|--|-----------|
| Trees        | 2        | -               | 30  | 9  | 41        |
| Groups       | 3        | 9               | 29  | 8  | 49        |
| <b>Total</b> | <b>5</b> | <b>9</b>        | <b>59</b>                                   | <b>17</b>                                | <b>90</b> |

### SUMMARY OF THE ARBORICULTURAL FEATURES TO BE REMOVED

4.2.4. Table 4-8 below displays that the majority of tree features, (83%), within the Study Area have the potential to be retained given application of suitable mitigation, as will be described within a site-specific Arboricultural Method Statement and shown on a Tree Protection Plan.

**Table 4-8 Summary of RAG impact assessment DCO Proposed Development**

| Feature      | Removal    | Partial Removal | At Risk of Removal Aiming to Retain (ARAtR) | Retained with Protection Measures (RwPM) | Total       |
|--------------|------------|-----------------|---|--|-------------|
| Trees        | 126        | -               | 433   | 388                                      | 947         |
| Groups       | 5          | 111             | 223   | 128                                      | 467         |
| <b>Total</b> | <b>131</b> | <b>111</b>      | <b>656</b>                                  | <b>516</b>                               | <b>1414</b> |

4.2.5. As stated in paragraph in **Section 1.3**, mitigation has been embedded into the Preliminary Design of the DCO Proposed Development to ensure impacts on veteran trees are avoided. As such, all veteran trees have been assessed as 'retained with protection measures'. Where practicable, all veteran trees will be fully excluded from works with use of protective fencing, as described in the Outline AMS. (Annex F) Where not feasible, an arboriculturist will be consulted and the site-specific AMS updated to include other suitable protective measures.

## 4.3. OTHER POTENTIAL ARBORICULTURAL IMPACTS

4.3.1. Other potential arboricultural impacts result from activities that do not require the direct removal of the tree, but have the potential, without mitigation, to cause

damage to retained arboricultural features. **Table 4-1** provides the potential cause of damage of features and mitigatory measures which are proposed. Implementation of the recommended mitigation measures in Table 4-9 as well as the embedded mitigation in section 2.6 will be sufficient to ensure that arboricultural features can be retained without significant loss of value or a notable reduction in tree health or longevity.

- 4.3.2. As stated in **Section 1.3**, at this Preliminary Design stage, a precautionary approach has been taken to assess other potential arboricultural impacts. It is assumed that all trees within the Newbuild Infrastructure Boundary that are not located within the 32m construction working width (i.e. all Amber trees), have the potential to be encroached by some works associated with the construction of the DCO Proposed Development. However, it is also considered that these features can be retained with use of construction exclusion zones (CEZs) incorporating the RPAs and created by the erection of protective fencing, or other applied mitigation.
- 4.3.3. Regarding the proposed permanent access track to Babell BVS in Section 7, full exclusion is not feasible as the track directly encroaches within a RPA. The encroached feature is of low quality (G93a) and in this instance, special protection measures are required. Special protection measures, as detailed in **Table 4-1**, will also be applicable for the remaining groups of trees that require partial removal.



**Table 4-9: Other potential arboricultural impacts, proposed mitigation and likely effects**

| <b>Feature</b>  | <b>Cause of Impact</b>  | <b>Potential Impact</b>  | <b>Mitigation Measures</b>  |
|---|---|--|---|
| <b>G93a and remaining trees within partially removed groups</b> | Earthworks and use of machinery associated with the construction.     | <p>Significant encroachment of RPAs possibly severing feeder and/or structural roots as well as disturbing soil composition and reducing the available rooting area.</p> <p>Significant encroachment of canopy area possibly requiring canopy reduction which would reduce photosynthesising capability and create stress that may cause a decline in tree health.</p> <p>Significant below or above ground impacts described above is likely to cause the decline and ultimate death of trees if not appropriately mitigated.</p> | <p>Special site-specific measures may include one or a combination of the following in the areas of special measures as show on the Preliminary Constraints and Impacts Plan: design refinements to avoid or reduce encroachment, micro-siting, working from track side, hand digging and ‘no dig’ solutions such as geocellular ground protection and protective fencing.</p> <p>Where works within an RPA are required, supervision to be conducted by an Arboricultural Clerk of Works (ACoW) and any additional recommendations to be followed.</p> |
| <b>All other retained features (Amber and Green)</b>            | Working space requirements during construction (below ground impact). | <p>Soil compaction and root damage for construction working space requirements.</p> <p>Loss of vitality and decline in health. Reduction in quality of trees / potential death of trees.</p>   | <p>Where possible, establish a construction exclusion zone (CEZ) within an AMS for duration of construction which is demarcated by a tree protection fence.</p> <p>Where access only is required temporary ground protection measures will be installed to prevent soil compaction and root damage.</p> <p>Where works within an RPA are required, supervision to be conducted by ACoW and</p>  |

| Feature  | Cause of Impact  | Potential Impact   | Mitigation Measures  |
|--|--|--|--|
|  |  |  | any additional recommendations to be followed.   |
| <b>All other retained features (Amber and Green)</b> | Working space requirements during construction. (above ground impact). | Injurious contact with above ground elements of retained trees. Loss of vitality and decline in health.<br>Reduction in quality of trees / potential death of trees. | Establish a CEZ within an AMS for duration of construction and arboricultural supervision during construction near trees. Requirements for pruning to avoid injurious contact are to be determined with arboricultural supervision prior to commencing all activities. |

## 4.4. COMPENSATION PLANTING

4.4.1. The DCO Proposed Development has been designed to avoid impacting on trees and vegetation where reasonably practicable. However, unavoidable tree loss will be mitigated through the implementation of landscape design including new tree planting (refer to **Chapter 12: Landscape and Visual (Volume II)**) New tree planting will use local provenance stock of native species with awareness to pests and diseases, with species and numbers agreed with the local planning authorities. The proposed landscape designs are shown on the following drawings:

- Flint AGI Landscape Layout (EN070007-D.2.14-LAY Sheet 0)
- Northop Hall AGI Landscape Layout (EN070007-D.2.14-LAY Sheet 1)
- Ince AGI Landscape Layout (EN070007-D.2.14-LAY Sheet 2)
- Aston Hill BVS Landscape Layout (EN070007-D.2.14-LAY Sheet 3)
- Mollington BVS Landscape Layout (EN070007-D.2.14-LAY Sheet 4)
- Rock Bank BVS Landscape Layout (EN070007-D.2.14-LAY Sheet 5)
- Babell BVS Landscape Layout (EN070007-D.2.14-LAY Sheet 6)
- Pentre Halkyn BVS Landscape Layout (EN070007-D.2.14-LAY Sheet 7)
- Cornist Lane BVS Landscape Layout (EN070007-D.2.14-LAY Sheet 8)

## 4.5. OUTLINE ARBORICULTURAL METHOD STATEMENT

4.5.1. An outline arboricultural method statement (AMS) is included in **Annex F**. The AMS adopts a precautionary approach to tree protection and addresses known construction activities which have the potential to cause damage to retained trees.

4.5.2. The AMS addresses, in principle, the following matters:

- arboricultural monitoring;
- tree protection fencing;
- temporary hard surfaces in RPAs;
- installation of underground services; and
- soft landscaping.

4.5.3. The Outline AMS will be a 'live document' and will be developed further by the Main Contractor(s) into a 'full' Arboricultural Method Statement to reflect the Detailed Design of the DCO Proposed Development. It will also be reviewed, as necessary throughout the subsequent design and construction stages.

4.5.4. All tree works undertaken must comply with British Standard 3998:2010 – Tree Work Recommendations and should therefore be carried out by skilled tree surgery contractors.

4.5.5. In instances where works unspecified in this report are to be undertaken, and which may impact trees, a further search for the presence of TPOs should be carried out prior to commencement.

## 4.6. SUMMARY AND CONCLUSIONS

- 4.6.1. A walkover survey of arboricultural features within the Study Area was undertaken between March and May 2022, with additional surveys in December 2022 to support Change Request 1 [CR1-124]. The arboricultural surveys were undertaken in accordance with BS 5837.
- 4.6.2. A desk study was undertaken on 07 July 2022 which established there are no arboricultural features protected by TPOs within the Study Area. The desk study also found no records of ancient or veteran trees however the walkover identified 35 veteran features.
- 4.6.3. The desk study identified three conservation areas within the Study Area for Section 2 and Section 3. Thornton-le-Moor Conservation Area, Picton Conservation Area and Chester Canal Conservation Area are all located within Cheshire West and Chester Local Authority area. The desk study also identified six areas of ancient woodland between Sections 4-6 of the Study Area.
- 4.6.4. A total of 1,414 arboricultural features, consisting of 947 individual trees and 467 groups of trees, were surveyed within the DCO Proposed Development Study Area. Of these, 211 were assessed as high quality, 536 as moderate, 632 as low and 35 as very low quality features.
- 4.6.5. To facilitate construction of the DCO Proposed Development, 131 features have been preliminary assessed as requiring removal and another 111 grouped features as requiring partial removal.
- 4.6.6. Table 4-9 below provides a summary of the RAG impact assessment results in relation to the tree feature qualities.

**Table 4-10 Summary of RAG impact assessment in relation to tree grades**

| BS5837: 2012 Grade | RAG Status                |                              |                                   | Total |
|--------------------|---------------------------|------------------------------|-----------------------------------|-------|
|                    | Removal / Partial Removal | At risk but aiming to retain | Retained with protection measures |       |
| <b>A</b>           | 30                        | 85                           | 96                                | 211   |
| <b>B</b>           | 79                        | 261                          | 196                               | 536   |
| <b>C</b>           | 131                       | 292                          | 209                               | 632   |
| <b>U</b>           | 2                         | 18                           | 15                                | 35    |
| <b>Total</b>       | 242                       | 656                          | 516                               | 1414  |

4.6.7. All of the 35 features assessed as veterans have been assessed as 'retained with protection measures'. Where practicable, all veteran trees will be fully

excluded from works with use of protective fencing, as described in the Outline AMS (Annex F). Where not feasible, an arboriculturist will be consulted and the site-specific AMS updated to include other suitable protective measures.

- 4.6.8. The remaining 1,172 Amber and Green features will be retained through use of protective measures during construction. These measures will be detailed within a detailed AMS which sets out the principles for tree protection whilst a Tree Protection Plan (TPP) will be used to detail the specific locations where these protective measures are required.
- 4.6.9. An Arboricultural Impact Assessment (AIA) will be undertaken for the Detailed Design of the DCO Proposed Development to accompany the site-specific AMS and TPP.

## **4.7. REFERENCES**

- 1 - Flintshire County Council (2023). Local Development Plan - Flintshire 2015-2030. Available here: <https://www.flintshire.gov.uk/en/Resident/Planning/Flintshire-Local-Development-Plan.aspx> [Last accessed: 22/03/23]
- 2 - Flintshire County Council (2017). Supplementary Planning Guidance Note. No.04 Trees and Development. Available from: <https://www.flintshire.gov.uk/en/PDFFiles/Planning/Adopted-SPGNs/SPGN-No-4.-Trees-and-Development.pdf> [Last accessed: 18/08/22]
- 3 - Cheshire West and Chester Local Council (2019). Cheshire West and Chester Local Plan. Available from: <https://consult.cheshirewestandchester.gov.uk/kse/event/34617/section/5428432> [Last accessed: 18/08/22]
- 4 - British Standards Institute (2012). BS 5837: 2012 Trees in relation to design, demolition and construction – Recommendations. London: BSI

# ANNEX A – ARBORICULTURAL SURVEY AND DESK STUDY METHODOLOGY

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## METHOD OF BASELINE DATA COLLECTION

Baseline data collection has been undertaken with reference to BS 5837 and uses the following data sources:

- an arboricultural desk study, and;
- a walkover survey of all arboricultural features within the Study Area.

## DESK STUDY

The arboricultural desk study for the DCO Proposed Development was undertaken on 07 July 2022. The desk study reviewed existing arboricultural information available in the public domain.

### TPOs and Conservation Areas

CWACC is responsible for implementing legal controls imposed through TPOs and Conservation Areas within Sections 1 and 2 and most of Section 3 within the Study Area. FCC is responsible for implementing these legal controls within Sections 4 to 7 and part of Section 3 within the Study Area. Data was assessed using their publicly accessible information (**Ref. 1**) (**Ref. 2**) and the results are summarised in **Section 3 – Arboricultural survey findings** of this AIA.

### Ancient Woodland

The potential presence of ancient woodland within the Study Area was assessed using the web-based Lle Map Browser (Wales) database (**Ref. 3**) and the MAGIC map database (England) (**Ref.4**) and the results of which are provided in **Section 3 – Arboricultural survey findings** of this AIA.

### Ancient and Veteran Trees

The potential presence of ancient and veteran trees within the study area was checked using the Woodland Trust's Ancient Tree Inventory (**Ref. 5**) and the results of which are provided in **Section 3 - Arboricultural survey findings** of this AIA.

## WALKOVER SURVEY

For Sections 1-6 a 'noteworthy' walkover survey was undertaken on trees between a period of April and May 2022 and undertaken in accordance with the following criteria:

- A noteworthy tree survey collects BS5837 survey information for high and moderate quality features whilst the location of stems only has been recorded for low and very low-quality features.

- Arboricultural features have been recorded as individual trees or tree groups where this has been deemed appropriate. Tree groups have been recorded on the basis that they form distinct arboricultural features either aerodynamically, visually or because they contain trees of similar cultural and biodiversity value.
- The trees have been visually inspected from ground level only.
- No tissue samples were taken nor was any internal investigation of the subject trees undertaken.
- Tree heights have been calculated using a clinometer and crown spreads have been estimated to the nearest 1m.
- Notes have been recorded where they relate to the quality of the arboricultural feature.

Tree features associated with Section 7 were surveyed as part of the TCPA Proposed Development in March 2022 where a full tree survey in accordance with BS 5837 was provided as opposed to a noteworthy tree survey.

Additional surveys were undertaken in December 2022 for Change Request 1 [CR1-124] in accordance with BS 5837.

Stem diameters have been measured in accordance with Annex C of BS 5837. Diameters of single stem trees on level ground have been measured at 1.5m above ground level. The diameters of other commonly encountered stems have been measured as per the guidance. The combined stem diameters for multi-stemmed trees have been calculated in accordance with BS 5837 paragraph 4.6.1.

By default, RPAs are calculated as an area equivalent to a circle with a radius 12 times the stem diameter. A precautionary approach has been used for veteran trees where a 15m buffer the tree stem, has been applied to ensure consistency with the DCO Proposed Development's approach to ancient woodland. The shape of RPAs can be adjusted to ensure that sufficient area, and therefore soil volume is protected. An adjusted RPA has not been drawn but the location of the tree protection fence provides sufficient area around the retained trees to ensure protection during construction.

## **QUALITY ASSESSMENT**

The quality of arboricultural features has been determined in accordance with BS 5837 Table 1 a copy of which is provided in Insert 1. The purpose of the quality assessment is to enable informed decisions to be made regarding the removal and retention of arboricultural features in the context of development. For an arboricultural feature to be included within a particular quality category it will accord with the description provided.

The quality of high and moderate quality arboricultural features are defined based on its sub-category. Sub-categories carry equal weight, do not influence retention priority and are simply included to indicate the primary value associated with each surveyed item. Sub-categories 1, 2 and 3 are intended to reflect arboricultural, landscape and cultural values, respectively.

The quality and sub-category assigned to each arboricultural feature are identified within the Arboricultural Survey Schedule included in **Annex B** of this report.

## REFERENCES

- 1 - Cheshire West and Chester Local Authority (2022). Public Map Viewer [online]. Available at: [https://maps.cheshirewestandchester.gov.uk/cwac/webmapping?&e=351493.96&n=364458.00&layers=AM\\_V\\_IDOXTreePreservation\\_POINT\\_CURRENT\\_RestrictedFields.AM\\_V\\_IDOXTreePreservation\\_POLY\\_CURRENT\\_RestrictedFields&s=200000.00&bm=oscolour](https://maps.cheshirewestandchester.gov.uk/cwac/webmapping?&e=351493.96&n=364458.00&layers=AM_V_IDOXTreePreservation_POINT_CURRENT_RestrictedFields.AM_V_IDOXTreePreservation_POLY_CURRENT_RestrictedFields&s=200000.00&bm=oscolour) (Last Accessed: 08/07/22)
- 2 - Flintshire County Council (2022). Interactive mapping search for TPOs and Conservation Areas [online]. Available at: <https://fccmapping.flintshire.gov.uk/connect/analyst/mobile/#!/main?mapcfg=TreePreservationOrders> (Last Accessed 06/04/22)
- 3 - Welsh Government and Natural Resources Wales (2022). Geo-Portal for Wales – Lle Map Browser [online]. Available at: <http://lle.gov.wales/map#b=europa&l=2042;&m=-3.32655,53.34055,14> (Last Accessed: 08/07/22)
- 4 - Magic (DEFRA) (2022), Multi Agency Geographic Information for the Countryside [online] Available at: < <https://magic.defra.gov.uk/MagicMap.aspx>> [Accessed 12 May 2022].
- 5 - Woodland Trust, Ancient Tree Inventory – tree search [online]. Available at: <https://ati.woodlandtrust.org.uk/tree-search/?v=2028744&ml=map&z=14&nwLat=53.36264753705163&nwLng=-3.4070289204979542&seLat=53.324779658439155&seLng=-3.2422339986229542> (Last Accessed: 18/07/22)



## Insert 1- BS 5837 Table 1 - Cascade Chart for Tree Quality Assessment

Table 1 Cascade chart for tree quality assessment

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

## NOTES AND LIMITATIONS

Arboricultural survey data is of a preliminary nature whereby intrusive investigations have not been carried out and data has been collected based on a desk study and ground level walkover survey only.

Only defects visible from the ground have been noted and each individual feature may not have been inspected closely due to access difficulties, the presence of dense ivy, other vegetation or safety constraints. Safety related features have not been recorded on the basis that the arboricultural features will be subject to a normal programme of tree hazard assessment and only those features which materially affect the quality of the feature or pose a real and immediate safety concern have been recorded.

Arboricultural survey data is typically valid for a period of two years. After two years it is recommended that the trees are reinspected to see whether their condition has materially changed. Significant environmental events (such as extreme weather conditions) or changes to the identified baseline conditions may render the data invalid within a shorter timescale.

Whilst arboricultural surveys are not seasonally limited it is the case that certain pests and diseases may be more or less evident at different times of the year. This is especially true of certain wood decaying fungi such as the Giant Polypore (*Meripilus giganteus*) where fruiting bodies are short-lived, and the early stages of root decay may not result in other identifiable symptoms. Walkover survey data is therefore based on observations made at the time of the walkover survey and may be subject to change should further or more detailed inspections be undertaken.

Where topographical data wasn't available, the position of arboricultural features has been estimated using aerial photography and on-site GPS. The position and extent of these features should be regarded as approximate only.

The noteworthy survey has resulted in the location of stems only being recorded for low and very low-quality trees within Sections 1 - 6.

# ANNEX B – ARBORICULTURAL SURVEY SCHEDULE

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## EXPLANATORY NOTES

The schedule provides the survey data of each surveyed feature and should be used in conjunction with the Preliminary Constraints and Impacts Plan (Annex D) to elicit an understanding of the features geographical location and anticipated impacts in relation to the DCO Proposed Development.

### Reference Abbreviations

- G – Group
- T - Tree

### Measurements

Height of trees was measured with a clinometer.

Stem diameter measurements are in accordance with BS 5837:2012.

Crown spreads have been estimated as a maximum diameter.

Crown height is an estimate of the lowest point of foliage above ground level of the tree indicating the clearance below the tree.

### Assessments

Life stage:

- SM – Semi-mature – <25% estimated life expectancy
- EM – Early Mature – < 50% estimated life expectancy
- M – Mature – >50% estimated life expectancy

Estimated remaining contribution - <10 years, 10+ years, 20+ years or 40+ years.

BS 5837 Category – A, B, C or U with a single sub-category recorded as 1, 2 or 3.

### Root Protection Area

RPA is the circular radius associated with the tree as measured from the centre of the stem. The RPA for groups is the equivalent RPA for the largest tree in that group and is illustrated in the Preliminary Constraints and Impacts Plan at **Annex D**.

| Ref | Species           | Stem diameter | Height | Crown Spread | Crown Height | Count | Comments   | Ages Class   | RPA  | ERC | Cat | Section   | Impact                                  |
|-----|-------------------|---------------|--------|--------------|--------------|-------|--|--------------|------|-----|-----|-----------|---|
| T1  | Native Oak        | 750           | 7      | 7            | 2.5          | -     | Crown decline  | Mature       | 9.0  | 20+ | B1  | Section 6 | Retained with Protection Measures       |
| T2  | Native Oak        | 600           | 7      | 7            | 3            | -     | -  | Mature       | 7.2  | 20+ | B1  | Section 6 | Retained with Protection Measures       |
| T3  | Native Oak        | 1050          | 16     | 18           | 3            | -     | -  | Mature       | 12.6 | 40+ | A1  | Section 6 | Retained with Protection Measures       |
| T4  | Native Oak        | 700           | 12     | 10           | 3            | -     | -  | Mature       | 8.4  | 20+ | B1  | Section 6 | Retained with Protection Measures       |
| T5  | Native Oak        | 700           | 12     | 12           | 3            | -     | -  | Mature       | 8.4  | 20+ | B1  | Section 6 | Retained with Protection Measures       |
| T6  | Native Oak        | 450           | 6      | 7            | 2.5          | -     | -  | Early Mature | 5.4  | 20+ | B1  | Section 6 | At risk of removal but aiming to retain |
| G7  | Mixed Broadleaves | 300           | 14     | 7            | <0.5         | 60    | Predominantly multi-stemmed Alder with Goat Willow to north end. Cumulative diameter estimated | Mature       | 3.6  | 20+ | B2  | Section 6 | At risk of removal but aiming to retain |
| T8  | Native Oak        | 700           | 6      | 7            | 3            | -     | -  | Mature       | 8.4  | 20+ | B1  | Section 6 | Retained with Protection Measures       |
| T9  | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 6 | Retained with Protection Measures       |
| T10 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 6 | Retained with Protection Measures       |
| T11 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 6 | Retained with Protection Measures       |
| T12 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 6 | Retained with Protection Measures       |
| T13 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 6 | Retained with Protection Measures       |
| G18 | Mixed Broadleaves | 550           | 20     | 10           | <0.5         | 500   | Mature Oak woodland. Oak dominant species.   | Mature       | 6.6  | 40+ | A2  | Section 6 | At risk of removal but aiming to retain |
| T14 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 6 | Retained with Protection Measures       |
| T15 | Native Oak        | 700           | 13     | 13           | 3            | -     | Crown decline  | Mature       | 8.4  | 20+ | B1  | Section 6 | Retained with Protection Measures       |
| T16 | Native Oak        | 850           | 13     | 15           | 3            | -     | -  | Mature       | 10.2 | 40+ | A1  | Section 6 | Retained with Protection Measures       |
| G17 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C2  | Section 6 | Partial removal                         |
| T19 | Native Oak        | 850           | 12     | 12           | 3            | -     | -  | Mature       | 10.2 | 20+ | B1  | Section 6 | At risk of removal but aiming to retain |
| T20 | Native Oak        | 900           | 13     | 13           | 3            | -     | -  | Mature       | 10.8 | 20+ | B1  | Section 6 | At risk of removal but aiming to retain |
| T21 | Native Oak        | 900           | 17     | 15           | 3            | -     | -  | Mature       | 10.8 | 40+ | A1  | Section 6 | At risk of removal but aiming to retain |
| T22 | Native Oak        | 850           | 9      | 9            | 3            | -     | Crown decline  | Mature       | 10.2 | 20+ | B1  | Section 6 | At risk of removal but aiming to retain |
| T23 | Native Oak        | 950           | 16     | 15           | 3            | -     | -  | Mature       | 11.4 | 40+ | A1  | Section 6 | At risk of removal but aiming to retain |
| T24 | Native Oak        | 950           | 16     | 19           | 2.5          | -     | Southern crown extent lost to storm damage   | Mature       | 11.4 | 20+ | B1  | Section 6 | Removed                                 |

| Ref | Species           | Stem diameter | Height | Crown Spread | Crown Height | Count | Comments  | Ages Class   | RPA  | ERC | Cat | Section   | Impact                                  |
|-----|-------------------|---------------|--------|--------------|--------------|-------|---|--------------|------|-----|-----|-----------|---|
| T25 | Native Oak        | 900           | 14     | 14           | 3            | -     | Western crown extent lost to historic storm damage, upper stem cavities as a result | Mature       | 10.8 | 20+ | B1  | Section 6 | At risk of removal but aiming to retain |
| G26 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C2  | Section 6 | At risk of removal but aiming to retain |
| T27 | Native Oak        | 1000          | 15     | 15           | 3            | -     | -   | Mature       | 12   | 40+ | A1  | Section 6 | At risk of removal but aiming to retain |
| T28 | Remotely surveyed | -             | -      | -            | -            | -     | Stem sheared into three   | -            | -    | <10 | U   | Section 6 | Retained with Protection Measures       |
| G29 | Native Oak        | 700           | 13     | 12           | 2.5          | 6     | -   | Mature       | 8.4  | 20+ | B2  | Section 6 | At risk of removal but aiming to retain |
| G30 | Mixed Broadleaves | 650           | 19     | 12           | <0.5         | 22    | Beech stand with Oak and mature Hawthorn  | Mature       | 7.8  | 40+ | A2  | Section 6 | Partial removal                         |
| T31 | Native Oak        | 1000          | 18     | 19           | 3            | -     | -   | Mature       | 12   | 40+ | A1  | Section 6 | Removed                                 |
| T32 | Apple             | 350           | 7      | 6            | 3            | -     | -   | Mature       | 4.2  | 20+ | B1  | Section 6 | Removed                                 |
| T33 | Native Oak        | 950           | 15     | 13           | 3            | -     | -   | Mature       | 11.4 | 20+ | B1  | Section 6 | At risk of removal but aiming to retain |
| G38 | Mixed Broadleaves | 825           | 22     | 10           | <0.5         | 12    | -   | Mature       | 9.9  | 40+ | A2  | Section 6 | At risk of removal but aiming to retain |
| T37 | Native Oak        | 850           | 13     | 12           | 3            | -     | -   | Mature       | 10.2 | 40+ | A1  | Section 6 | At risk of removal but aiming to retain |
| T36 | Beech             | 700           | 14     | 10           | 2.5          | -     | -   | Mature       | 8.4  | 40+ | A1  | Section 6 | At risk of removal but aiming to retain |
| T35 | Native Oak        | 900           | 14     | 15           | 3            | -     | -   | Mature       | 10.8 | 40+ | A1  | Section 6 | Retained with Protection Measures       |
| T34 | Native Oak        | 850           | 10     | 14           | 2.5          | -     | -   | Mature       | 10.2 | 20+ | B1  | Section 6 | Retained with Protection Measures       |
| G39 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C2  | Section 6 | At risk of removal but aiming to retain |
| T40 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C1  | Section 6 | Retained with Protection Measures       |
| G41 | Poplar            | 400           | 19     | 7            | 3            | 6     | -   | Early Mature | 4.8  | 20+ | B2  | Section 6 | Retained with Protection Measures       |
| G42 | Mixed Broadleaves | 225           | 15     | 6            | <0.5         | 30    | -   | Semi Mature  | 2.7  | 20+ | B2  | Section 6 | Retained with Protection Measures       |
| T43 | Native Oak        | 800           | 10     | 14           | 3            | -     | -   | Mature       | 9.6  | 40+ | A1  | Section 6 | Removed                                 |
| T44 | Native Oak        | 1000          | 10     | 14           | 3            | -     | -   | Mature       | 12   | 40+ | A1  | Section 6 | Removed                                 |
| T45 | Native Oak        | 900           | 16     | 15           | 3            | -     | -   | Mature       | 10.8 | 40+ | A1  | Section 6 | Removed                                 |
| G46 | Mixed Broadleaves | 300           | 19     | 8            | 0.5          | 25    | -   | Early Mature | 3.6  | 20+ | B2  | Section 6 | Retained with Protection Measures       |
| T48 | Native Oak        | 950           | 19     | 19           | 3.5          | -     | -   | Mature       | 11.4 | 40+ | A1  | Section 6 | At risk of removal but aiming to retain |
| G47 | Mixed Broadleaves | 300           | 19     | 7            | <0.5         | 50    | -   | Early Mature | 3.6  | 20+ | B2  | Section 6 | Retained with Protection Measures       |
| G49 | Remotely surveyed | -             | -      | -            | -            | -     | Narrow width section with wind blown trees, crown decline and storm damage          | -            | -    | 10+ | C2  | Section 6 | Retained with Protection Measures       |
| G50 | Poplar            | 350           | 18     | 8            | <0.5         | 10    | -   | Early Mature | 4.2  | 20+ | B2  | Section 6 | Retained with Protection Measures       |
| T51 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | <10 | U   | Section 6 | Removed                                 |

| Ref | Species           | Stem diameter | Height | Crown Spread | Crown Height | Count | Comments | Ages Class   | RPA  | ERC | Cat | Section   | Impact                                  |
|-----|-------------------|---------------|--------|--------------|--------------|-------|----------|--------------|------|-----|-----|-----------|---|
| T52 | Native Oak        | 800           | 14     | 14           | 3.5          | -     | -        | Mature       | 9.6  | 20+ | B1  | Section 6 | Retained with Protection Measures       |
| T53 | Native Oak        | 900           | 16     | 15           | 3            | -     | -        | Mature       | 10.8 | 20+ | B1  | Section 6 | At risk of removal but aiming to retain |
| G54 | Sycamore          | 600           | 16     | 12           | 1            | 3     | -        | Mature       | 7.2  | 20+ | B2  | Section 6 | Partial removal                         |
| T55 | Native Oak        | 600           | 12     | 9            | 3            | -     | -        | Early Mature | 7.2  | 20+ | B1  | Section 6 | At risk of removal but aiming to retain |
| G58 | Remotely surveyed | -             | -      | -            | -            | -     | -        | -            | -    | 10+ | C2  | Section 6 | Partial removal                         |
| G56 | Mixed Broadleaves | 425           | 15     | 8            | <0.5         | 25    | -        | Early Mature | 5.1  | 20+ | B2  | Section 6 | Partial removal                         |
| T57 | Native Oak        | 1000          | 16     | 20           | 4            | -     | -        | Mature       | 12   | 40+ | A1  | Section 6 | At risk of removal but aiming to retain |
| T59 | Native Oak        | 700           | 7      | 6            | 2.5          | -     | -        | Early Mature | 8.4  | 20+ | B1  | Section 6 | Retained with Protection Measures       |
| G61 | Remotely surveyed | -             | -      | -            | -            | -     | -        | -            | -    | 10+ | C2  | Section 6 | Partial removal                         |
| G60 | Native Oak        | 775           | 15     | 12           | 2.5          | 3     | -        | Early Mature | 9.3  | 40+ | A2  | Section 6 | Partial removal                         |
| G62 | Native Oak        | 850           | 17     | 13           | 2.5          | 4     | -        | Mature       | 10.2 | 20+ | B2  | Section 6 | At risk of removal but aiming to retain |
| T63 | Ash               | 480           | 14     | 9            | 3.5          | -     | -        | Early Mature | 5.8  | 20+ | B1  | Section 6 | Retained with Protection Measures       |
| T64 | Native Oak        | 800           | 14     | 14           | 3            | -     | -        | Mature       | 9.6  | 20+ | B1  | Section 6 | At risk of removal but aiming to retain |
| T65 | Native Oak        | 750           | 14     | 13           | 4            | -     | -        | Mature       | 9    | 20+ | B1  | Section 6 | Retained with Protection Measures       |
| T66 | Native Oak        | 850           | 15     | 17           | 3            | -     | -        | Mature       | 10.2 | 20+ | B1  | Section 6 | At risk of removal but aiming to retain |
| T67 | Ash               | 800           | 18     | 12           | 3            | -     | -        | Mature       | 9.6  | 20+ | B1  | Section 6 | Retained with Protection Measures       |
| T68 | Remotely surveyed | -             | -      | -            | -            | -     | -        | -            | -    | 10+ | C1  | Section 6 | Removed                                 |
| G69 | Native Oak        | 875           | 15     | 13           | 3            | 3     | -        | Mature       | 10.5 | 40+ | A2  | Section 5 | At risk of removal but aiming to retain |
| T70 | Native Oak        | 850           | 14     | 14           | 3            | -     | -        | Mature       | 10.2 | 40+ | A1  | Section 6 | Removed                                 |
| T71 | Native Oak        | 850           | 15     | 14           | 3            | -     | -        | Mature       | 10.2 | 20+ | B1  | Section 5 | At risk of removal but aiming to retain |
| T72 | Native Oak        | 950           | 13     | 16           | 3.5          | -     | -        | Mature       | 11.4 | 40+ | A1  | Section 5 | Retained with Protection Measures       |
| T73 | Remotely surveyed | -             | -      | -            | -            | -     | -        | -            | -    | <10 | U   | Section 5 | Retained with Protection Measures       |
| G74 | Remotely surveyed | -             | -      | -            | -            | -     | -        | -            | -    | 10+ | C2  | Section 5 | Partial removal                         |
| T75 | Remotely surveyed | -             | -      | -            | -            | -     | -        | -            | -    | 10+ | C1  | Section 5 | Retained with Protection Measures       |
| T76 | Native Oak        | 900           | 16     | 16           | 2.5          | -     | -        | Mature       | 10.8 | 40+ | A1  | Section 5 | At risk of removal but aiming to retain |
| T77 | Remotely surveyed | -             | -      | -            | -            | -     | -        | -            | -    | 10+ | C1  | Section 5 | At risk of removal but aiming to retain |
| G78 | Remotely surveyed | -             | -      | -            | -            | -     | -        | -            | -    | 10+ | C2  | Section 5 | Partial removal                         |
| T79 | Native Oak        | 650           | 12     | 10           | 2            | -     | -        | Early Mature | 7.8  | 20+ | B1  | Section 6 | Retained with Protection Measures       |

| Ref  | Species           | Stem diameter | Height | Crown Spread | Crown Height | Count | Comments   | Ages Class   | RPA  | ERC | Cat | Section   | Impact                                  |
|------|-------------------|---------------|--------|--------------|--------------|-------|--|--------------|------|-----|-----|-----------|---|
| T80  | Native Oak        | 900           | 13     | 13           | 3            | -     | Crown decline  | Over Mature  | 10.8 | 20+ | B1  | Section 5 | Removed                                 |
| T81  | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 5 | Removed                                 |
| G82  | Native Oak        | 475           | 13     | 12           | 3            | 6     | -  | Early Mature | 5.7  | 20+ | B2  | Section 5 | Partial removal                         |
| T83  | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 5 | Removed                                 |
| T84  | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 5 | Removed                                 |
| T85  | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 5 | Removed                                 |
| T86  | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 5 | Removed                                 |
| T87  | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 5 | Removed                                 |
| T88  | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 5 | Removed                                 |
| T89  | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 5 | Removed                                 |
| T90  | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 5 | Removed                                 |
| T91  | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 5 | Removed                                 |
| T92  | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 5 | Removed                                 |
| T93  | Native Oak        | 900           | 16     | 15           | 3            | -     | Crown decline  | Over Mature  | 10.8 | 20+ | B1  | Section 5 | Removed                                 |
| G94  | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C2  | Section 5 | Partial removal                         |
| T95  | Native Oak        | 470           | 9      | 9            | 2.5          | -     | -  | Early Mature | 5.6  | 20+ | B1  | Section 5 | Removed                                 |
| T96  | Native Oak        | 650           | 12     | 12           | 3            | -     | -  | Early Mature | 7.8  | 20+ | B1  | Section 5 | At risk of removal but aiming to retain |
| T97  | Native Oak        | 800           | 15     | 13           | 3            | -     | -  | Mature       | 9.6  | 40+ | A1  | Section 5 | At risk of removal but aiming to retain |
| T98  | Native Oak        | 1000          | 15     | 14           | 4            | -     | Progressive decline  | Over Mature  | 12   | 20+ | B1  | Section 5 | At risk of removal but aiming to retain |
| T99  | Remotely surveyed | -             | -      | -            | -            | -     | Extensive bark death, only north flank of stem has viable bark. Short projected remaining life expectancy. | -            | -    | 10+ | C1  | Section 5 | At risk of removal but aiming to retain |
| T100 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 5 | At risk of removal but aiming to retain |
| T101 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 5 | Retained with Protection Measures       |
| T102 | Native Oak        | 800           | 14     | 14           | 2.5          | -     | -  | Mature       | 9.6  | 40+ | A1  | Section 5 | At risk of removal but aiming to retain |
| G103 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C2  | Section 5 | At risk of removal but aiming to retain |
| T104 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 5 | Retained with Protection Measures       |
| T105 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 5 | Retained with Protection Measures       |
| T106 | Native Oak        | 1050          | 17     | 16           | 3            | -     | -  | Over Mature  | 12.6 | 40+ | A1  | Section 5 | At risk of removal but aiming to retain |
| T107 | Remotely surveyed | -             | -      | -            | -            | -     | Progressive state of decline   | -            | -    | 10+ | C1  | Section 5 | Retained with Protection Measures       |
| T108 | Remotely surveyed | -             | -      | -            | -            | -     | Progressive and terminal state of decline.   | -            | -    | 10+ | C1  | Section 5 | Retained with Protection Measures       |
| G109 | Mixed Broadleaves | 575           | 20     | 12           | <0.5         | 80    | -  | Mature       | 6.9  | 40+ | A2  | Section 5 | At risk of removal but aiming to retain |
| T110 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | <10 | U   | Section 5 | At risk of removal but aiming to retain |

| Ref  | Species           | Stem diameter | Height | Crown Spread | Crown Height | Count | Comments                             | Ages Class   | RPA  | ERC | Cat | Section   | Impact                                  |
|------|-------------------|---------------|--------|--------------|--------------|-------|--------------------------------------|--------------|------|-----|-----|-----------|---|
| G111 | Remotely surveyed | -             | -      | -            | -            | -     | -                                    | -            | -    | 10+ | C2  | Section 5 | At risk of removal but aiming to retain |
| G112 | Mixed Broadleaves | 500           | 20     | 12           | <0.5         | 200   | -                                    | Mature       | 6    | 40+ | A2  | Section 5 | At risk of removal but aiming to retain |
| G113 | Remotely surveyed | -             | -      | -            | -            | -     | -                                    | -            | -    | 10+ | C2  | Section 5 | At risk of removal but aiming to retain |
| T114 | Remotely surveyed | -             | -      | -            | -            | -     | -                                    | -            | -    | 10+ | C1  | Section 5 | Retained with Protection Measures       |
| G115 | Remotely surveyed | -             | -      | -            | -            | -     | -                                    | -            | -    | 10+ | C2  | Section 5 | Partial removal                         |
| G116 | Remotely surveyed | -             | -      | -            | -            | -     | -                                    | -            | -    | 10+ | C2  | Section 5 | At risk of removal but aiming to retain |
| T117 | Native Oak        | 800           | 13     | 15           | 2.5          | -     | -                                    | Mature       | 9.6  | 40+ | A1  | Section 5 | At risk of removal but aiming to retain |
| T118 | Native Oak        | 550           | 11     | 13           | 3            | -     | -                                    | Early Mature | 6.6  | 20+ | B1  | Section 5 | Removed                                 |
| T119 | Apple             | 750           | 8      | 9            | 3            | -     | 3 stems from 2m, diameter estimated  | Mature       | 9    | 40+ | A1  | Section 5 | Removed                                 |
| T120 | Ash               | 600           | 19     | 9            | 3            | -     | -                                    | Early Mature | 7.2  | 20+ | B1  | Section 5 | At risk of removal but aiming to retain |
| T121 | Native Oak        | 950           | 15     | 16           | 3            | -     | -                                    | Mature       | 11.4 | 40+ | A1  | Section 5 | At risk of removal but aiming to retain |
| T122 | Remotely surveyed | -             | -      | -            | -            | -     | -                                    | -            | -    | 10+ | C1  | Section 5 | At risk of removal but aiming to retain |
| T123 | Remotely surveyed | -             | -      | -            | -            | -     | -                                    | -            | -    | 10+ | C1  | Section 5 | At risk of removal but aiming to retain |
| T124 | Native Oak        | 700           | 7      | 7            | 2.5          | -     | -                                    | Mature       | 8.4  | 20+ | B1  | Section 5 | At risk of removal but aiming to retain |
| T125 | Remotely surveyed | -             | -      | -            | -            | -     | -                                    | -            | -    | 10+ | C1  | Section 5 | At risk of removal but aiming to retain |
| T126 | Remotely surveyed | -             | -      | -            | -            | -     | -                                    | -            | -    | 10+ | C1  | Section 5 | At risk of removal but aiming to retain |
| T127 | Ash               | 1040          | 21     | 19           | 3            | -     | -                                    | Over Mature  | 12.5 | 40+ | A1  | Section 5 | At risk of removal but aiming to retain |
| T128 | Remotely surveyed | -             | -      | -            | -            | -     | -                                    | -            | -    | 10+ | C1  | Section 5 | Removed                                 |
| G129 | Mixed Broadleaves | 500           | 17     | 10           | <0.5         | 500   | -                                    | Mature       | 6    | 40+ | A2  | Section 5 | Retained with Protection Measures       |
| T130 | Native Oak        | 950           | 17     | 15           | 2.5          | -     | Heavily pruned back from power lines | Mature       | 11.4 | 20+ | B1  | Section 5 | Retained with Protection Measures       |
| T131 | Native Oak        | 900           | 17     | 15           | 2.5          | -     | -                                    | Mature       | 10.8 | 20+ | B1  | Section 5 | At risk of removal but aiming to retain |
| G132 | Remotely surveyed | -             | -      | -            | -            | -     | -                                    | -            | -    | 10+ | C2  | Section 5 | Partial removal                         |
| T133 | Native Oak        | 900           | 16     | 15           | 2.5          | -     | -                                    | Mature       | 10.8 | 40+ | A1  | Section 5 | Retained with Protection Measures       |
| T134 | Native Oak        | 1000          | 18     | 17           | 3            | -     | -                                    | Mature       | 12   | 40+ | A1  | Section 5 | Retained with Protection Measures       |
| G137 | Remotely surveyed | -             | -      | -            | -            | -     | -                                    | -            | -    | 10+ | C2  | Section 5 | At risk of removal but aiming to retain |
| T135 | Native Oak        | 700           | 13     | 11           | 3            | -     | Crown fully biased south.            | Mature       | 8.4  | 20+ | B1  | Section 5 | Retained with Protection Measures       |



| Ref  | Species           | Stem diameter | Height | Crown Spread | Crown Height | Count | Comments                                  | Ages Class   | RPA  | ERC | Cat | Section   | Impact                                  |
|------|-------------------|---------------|--------|--------------|--------------|-------|---|--------------|------|-----|-----|-----------|---|
| T136 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C1  | Section 5 | At risk of removal but aiming to retain |
| T138 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C1  | Section 5 | At risk of removal but aiming to retain |
| T139 | Native Oak        | 950           | 16     | 17           | 3            | -     | Central crown region lost to storm damage | Mature       | 11.4 | 20+ | B1  | Section 5 | At risk of removal but aiming to retain |
| T140 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C1  | Section 5 | At risk of removal but aiming to retain |
| T141 | Native Oak        | 850           | 12     | 12           | 3            | -     | -   | Mature       | 10.2 | 20+ | B1  | Section 5 | At risk of removal but aiming to retain |
| T142 | Native Oak        | 900           | 17     | 14           | 3            | -     | -   | Mature       | 10.8 | 40+ | A1  | Section 5 | At risk of removal but aiming to retain |
| T143 | Native Oak        | 1050          | 18     | 15           | 3            | -     | -   | Mature       | 12.6 | 40+ | A1  | Section 5 | Removed                                 |
| T144 | Native Oak        | 480           | 12     | 10           | 3            | -     | -   | Early Mature | 5.8  | 20+ | B1  | Section 5 | Retained with Protection Measures       |
| G145 | Mixed Broadleaves | 250           | 15     | 6            | <0.5         | 50    | -   | Early Mature | 3    | 20+ | B2  | Section 5 | At risk of removal but aiming to retain |
| G146 | Native Oak        | 750           | 14     | 13           | 3            | 6     | Crown decline within group.               | Mature       | 9    | 20+ | B2  | Section 5 | Partial removal                         |
| T147 | Native Oak        | 1050          | 17     | 18           | 3            | -     | -   | Mature       | 12.6 | 40+ | A1  | Section 5 | Retained with Protection Measures       |
| T148 | Native Oak        | 1000          | 18     | 18           | 3            | -     | -   | Mature       | 12   | 40+ | A1  | Section 5 | At risk of removal but aiming to retain |
| T149 | Native Oak        | 650           | 9      | 8            | >4.0         | -     | Crown decline, dense ivy.                 | Mature       | 7.8  | 20+ | B1  | Section 5 | Removed                                 |
| T150 | Native Oak        | 750           | 14     | 15           | 3            | -     | -   | Mature       | 9    | 20+ | B1  | Section 5 | Retained with Protection Measures       |
| G151 | Mixed Broadleaves | 275           | 13     | 7            | 2.5          | 20    | -   | Early Mature | 3.3  | 20+ | B2  | Section 5 | At risk of removal but aiming to retain |
| T152 | Native Oak        | 1000          | 20     | 19           | 3.5          | -     | -   | Mature       | 12   | 40+ | A1  | Section 5 | Removed                                 |
| G153 | Mixed Broadleaves | 250           | 13     | 6            | <0.5         | 125   | -   | Semi Mature  | 3    | 20+ | B2  | Section 5 | Partial removal                         |
| T154 | Native Oak        | 1000          | 14     | 17           | 2.5          | -     | -   | Mature       | 12   | 40+ | A1  | Section 5 | Removed                                 |
| G155 | Native Oak        | 825           | 15     | 13           | 3            | 2     | -   | Mature       | 9.9  | 20+ | B2  | Section 5 | Partial removal                         |
| T156 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | <10 | U   | Section 5 | Retained with Protection Measures       |
| G157 | Mixed Broadleaves | 375           | 14     | 7            | <0.5         | 25    | -   | Early Mature | 4.5  | 20+ | B2  | Section 5 | Partial removal                         |
| G158 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C2  | Section 5 | Removed                                 |
| T159 | Native Oak        | 800           | 15     | 14           | >4.0         | -     | -   | Mature       | 9.6  | 20+ | B1  | Section 5 | At risk of removal but aiming to retain |
| G160 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C2  | Section 5 | Partial removal                         |
| G161 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C2  | Section 5 | Partial removal                         |
| G162 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C2  | Section 5 | At risk of removal but aiming to retain |
| T163 | Native Oak        | 750           | 12     | 13           | >4.0         | -     | -   | Mature       | 9    | 20+ | B1  | Section 5 | Retained with Protection Measures       |
| G164 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C2  | Section 5 | Retained with Protection Measures       |
| G165 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C2  | Section 5 | Retained with Protection Measures       |

| Ref  | Species           | Stem diameter | Height | Crown Spread | Crown Height | Count | Comments  | Ages Class   | RPA  | ERC | Cat | Section   | Impact                                  |
|------|-------------------|---------------|--------|--------------|--------------|-------|---|--------------|------|-----|-----|-----------|---|
| G166 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C2  | Section 5 | Retained with Protection Measures       |
| G167 | Mixed Broadleaves | 200           | 10     | 5            | <0.5         | 100   | -   | Early Mature | 2.4  | 20+ | B2  | Section 5 | Partial removal                         |
| G168 | Mixed Broadleaves | 225           | 13     | 5            | 0.5          | 125   | -   | Semi Mature  | 2.7  | 20+ | B2  | Section 5 | Partial removal                         |
| G169 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C2  | Section 5 | Retained with Protection Measures       |
| G170 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C2  | Section 5 | Retained with Protection Measures       |
| G171 | Mixed Broadleaves | 475           | 14     | 9            | 2.5          | 4     | -   | Early Mature | 5.7  | 20+ | B2  | Section 5 | At risk of removal but aiming to retain |
| T172 | Native Oak        | 700           | 12     | 12           | 2            | -     | -   | Early Mature | 8.4  | 20+ | B1  | Section 5 | Removed                                 |
| T173 | Native Oak        | 600           | 12     | 10           | 2.5          | -     | -   | Early Mature | 7.2  | 20+ | B1  | Section 5 | At risk of removal but aiming to retain |
| G174 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C2  | Section 5 | Partial removal                         |
| T175 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C1  | Section 5 | Retained with Protection Measures       |
| T176 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C1  | Section 5 | Retained with Protection Measures       |
| T177 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C1  | Section 5 | Retained with Protection Measures       |
| G178 | Mixed Broadleaves | 250           | 13     | 6            | <0.5         | 45    | -   | Early Mature | 3    | 20+ | B2  | Section 5 | Retained with Protection Measures       |
| G179 | Mixed Broadleaves | 325           | 19     | 7            | <0.5         | 400   | -   | Early Mature | 3.9  | 40+ | A2  | Section 5 | Retained with Protection Measures       |
| G180 | Mixed Broadleaves | 550           | 23     | 9            | <0.5         | 250   | Mature Ash trees growing along steep southern bankside displaying vereran characteristics, indicating a far older woodland. Occasional mature Oak and more recenty colonised by Sycamore and Ash. Collective veteran characteristics of the mature Ash. | Veteran      | 15.0 | 40+ | A3  | Section 5 | Retained with Protection Measures       |
| T181 | Norway Maple      | 550           | 11     | 12           | 2.5          | -     | -   | Early Mature | 6.6  | 20+ | B1  | Section 5 | Retained with Protection Measures       |
| T182 | Lime              | 340           | 11     | 9            | 2.5          | -     | -   | Semi Mature  | 4.1  | 20+ | B1  | Section 5 | Retained with Protection Measures       |
| T183 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C1  | Section 5 | Removed                                 |
| T184 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C1  | Section 5 | At risk of removal but aiming to retain |
| T185 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C1  | Section 5 | At risk of removal but aiming to retain |
| G186 | Mixed Broadleaves | 525           | 14     | 8            | 2            | 14    | -   | Mature       | 6.3  | 20+ | B2  | Section 5 | Retained with Protection Measures       |
| G187 | Remotely surveyed | -             | -      | -            | -            | -     | Predominantly self set scrub growth. Unmanaged with dense undergrowth.  | -            | -    | 10+ | C2  | Section 5 | Partial removal                         |

| Ref  | Species           | Stem diameter | Height | Crown Spread | Crown Height | Count | Comments                              | Ages Class   | RPA  | ERC | Cat | Section   | Impact                                  |
|------|-------------------|---------------|--------|--------------|--------------|-------|---------------------------------------|--------------|------|-----|-----|-----------|---|
| T188 | Remotely surveyed | -             | -      | -            | -            | -     | -                                     | -            | -    | 10+ | C1  | Section 5 | Removed                                 |
| T189 | Remotely surveyed | -             | -      | -            | -            | -     | -                                     | -            | -    | 10+ | C1  | Section 5 | Removed                                 |
| T190 | Remotely surveyed | -             | -      | -            | -            | -     | -                                     | -            | -    | 10+ | C1  | Section 5 | Removed                                 |
| T191 | Whitebeam         | 440           | 9      | 7            | 2            | -     | 3 stems from 1.2m, diameter estimated | Early Mature | 5.3  | 20+ | B1  | Section 5 | At risk of removal but aiming to retain |
| G192 | Remotely surveyed | -             | -      | -            | -            | -     | -                                     | -            | -    | 10+ | C2  | Section 5 | Partial removal                         |
| G193 | Remotely surveyed | -             | -      | -            | -            | -     | -                                     | -            | -    | 10+ | C2  | Section 5 | Retained with Protection Measures       |
| G194 | Remotely surveyed | -             | -      | -            | -            | -     | -                                     | -            | -    | 10+ | C2  | Section 5 | Partial removal                         |
| T195 | Native Oak        | 800           | 15     | 16           | 3            | -     | -                                     | Mature       | 9.6  | 40+ | A1  | Section 5 | Removed                                 |
| T196 | Native Oak        | 600           | 11     | 12           | 1            | -     | Twin stem from 1m, diameter estimated | Early Mature | 7.2  | 20+ | B1  | Section 5 | At risk of removal but aiming to retain |
| T197 | Native Oak        | 700           | 12     | 13           | 1            | -     | 2 stems from base                     | Early Mature | 8.4  | 20+ | B1  | Section 5 | At risk of removal but aiming to retain |
| T198 | Native Oak        | 350           | 10     | 9            | 2            | -     | -                                     | Early Mature | 4.2  | 20+ | B1  | Section 5 | At risk of removal but aiming to retain |
| T199 | Ash               | 350           | 10     | 10           | 1            | -     | -                                     | Early Mature | 4.2  | 20+ | B1  | Section 5 | At risk of removal but aiming to retain |
| G200 | Remotely surveyed | -             | -      | -            | -            | -     | -                                     | -            | -    | 10+ | C2  | Section 5 | At risk of removal but aiming to retain |
| G201 | Mixed Broadleaves | 250           | 13     | 7            | 0.5          | 500   | -                                     | Early Mature | 3    | 20+ | B2  | Section 5 | At risk of removal but aiming to retain |
| G202 | Mixed Broadleaves | 450           | 17     | 9            | <0.5         | 50    | -                                     | Mature       | 5.4  | 40+ | A2  | Section 5 | At risk of removal but aiming to retain |
| T203 | Native Oak        | 650           | 10     | 10           | 3            | -     | -                                     | Early Mature | 7.8  | 20+ | B1  | Section 5 | At risk of removal but aiming to retain |
| G204 | Remotely surveyed | -             | -      | -            | -            | -     | -                                     | -            | -    | 10+ | C2  | Section 5 | Partial removal                         |
| G205 | Remotely surveyed | -             | -      | -            | -            | -     | -                                     | -            | -    | 10+ | C2  | Section 5 | At risk of removal but aiming to retain |
| T206 | Remotely surveyed | -             | -      | -            | -            | -     | Progressive state of decline          | -            | -    | 10+ | C1  | Section 5 | Retained with Protection Measures       |
| T207 | Native Oak        | 900           | 12     | 13           | 3            | -     | -                                     | Mature       | 10.8 | 20+ | B1  | Section 5 | At risk of removal but aiming to retain |
| T208 | Native Oak        | 950           | 13     | 13           | 3            | -     | -                                     | Mature       | 11.4 | 40+ | A1  | Section 5 | At risk of removal but aiming to retain |
| T209 | Native Oak        | 950           | 9      | 15           | 2.5          | -     | -                                     | Mature       | 11.4 | 40+ | A1  | Section 5 | Retained with Protection Measures       |
| T210 | Native Oak        | 950           | 8      | 11           | 2.5          | -     | -                                     | Mature       | 11.4 | 20+ | B1  | Section 5 | At risk of removal but aiming to retain |
| T211 | Native Oak        | 950           | 16     | 16           | 3            | -     | -                                     | Mature       | 11.4 | 40+ | A1  | Section 5 | Removed                                 |
| T212 | Remotely surveyed | -             | -      | -            | -            | -     | Dead standing tree                    | -            | -    | <10 | U   | Section 5 | At risk of removal but aiming to retain |
| T213 | Native Oak        | 950           | 16     | 16           | 2.5          | -     | -                                     | Mature       | 11.4 | 40+ | A1  | Section 5 | At risk of removal but aiming to retain |
| T214 | Native Oak        | 1050          | 18     | 18           | 3            | -     | -                                     | Mature       | 12.6 | 40+ | A1  | Section 5 | Retained with Protection Measures       |

| Ref  | Species           | Stem diameter | Height | Crown Spread | Crown Height | Count | Comments                          | Ages Class   | RPA  | ERC | Cat | Section   | Impact                                  |
|------|-------------------|---------------|--------|--------------|--------------|-------|-----------------------------------|--------------|------|-----|-----|-----------|---|
| T215 | Native Oak        | 800           | 12     | 12           | 2.5          | -     | -                                 | Mature       | 9.6  | 20+ | B1  | Section 5 | Retained with Protection Measures       |
| T216 | Native Oak        | 1100          | 14     | 14           | 2            | -     | -                                 | Mature       | 13.2 | 40+ | A1  | Section 5 | Removed                                 |
| T217 | Native Oak        | 850           | 13     | 14           | 3            | -     | -                                 | Mature       | 10.2 | 20+ | B1  | Section 5 | At risk of removal but aiming to retain |
| T218 | Remotely surveyed | -             | -      | -            | -            | -     | Progressive state of decline      | -            | -    | 10+ | C1  | Section 5 | At risk of removal but aiming to retain |
| G219 | Remotely surveyed | -             | -      | -            | -            | -     | Progressive state of decline      | -            | -    | 10+ | C2  | Section 5 | Partial removal                         |
| T220 | Native Oak        | 900           | 13     | 13           | 2.5          | -     | -                                 | Mature       | 10.8 | 20+ | B1  | Section 5 | Retained with Protection Measures       |
| G221 | Remotely surveyed | -             | -      | -            | -            | -     | -                                 | -            | -    | 10+ | C2  | Section 5 | At risk of removal but aiming to retain |
| T222 | Native Oak        | 900           | 16     | 16           | 2.5          | -     | Significant storm damage to crown | Mature       | 10.8 | 20+ | B1  | Section 5 | At risk of removal but aiming to retain |
| T223 | Native Oak        | 850           | 12     | 13           | 3            | -     | -                                 | Mature       | 10.2 | 20+ | B1  | Section 5 | At risk of removal but aiming to retain |
| T224 | Ash               | 350           | 13     | 9            | 3            | -     | -                                 | Semi Mature  | 4.2  | 20+ | B1  | Section 5 | At risk of removal but aiming to retain |
| T225 | Native Oak        | 900           | 12     | 12           | 3            | -     | -                                 | Mature       | 10.8 | 20+ | B1  | Section 5 | At risk of removal but aiming to retain |
| T226 | Remotely surveyed | -             | -      | -            | -            | -     | -                                 | -            | -    | 10+ | C1  | Section 5 | Removed                                 |
| G227 | Remotely surveyed | -             | -      | -            | -            | -     | -                                 | -            | -    | 10+ | C2  | Section 5 | At risk of removal but aiming to retain |
| G228 | Remotely surveyed | -             | -      | -            | -            | -     | -                                 | -            | -    | 10+ | C2  | Section 5 | At risk of removal but aiming to retain |
| T229 | Remotely surveyed | -             | -      | -            | -            | -     | -                                 | -            | -    | 10+ | C1  | Section 5 | At risk of removal but aiming to retain |
| T230 | Remotely surveyed | -             | -      | -            | -            | -     | -                                 | -            | -    | 10+ | C1  | Section 5 | At risk of removal but aiming to retain |
| T231 | Remotely surveyed | -             | -      | -            | -            | -     | -                                 | -            | -    | 10+ | C1  | Section 5 | At risk of removal but aiming to retain |
| G232 | Remotely surveyed | -             | -      | -            | -            | -     | -                                 | -            | -    | 10+ | C2  | Section 5 | Partial removal                         |
| T233 | Remotely surveyed | -             | -      | -            | -            | -     | -                                 | -            | -    | 10+ | C1  | Section 5 | At risk of removal but aiming to retain |
| T234 | Remotely surveyed | -             | -      | -            | -            | -     | -                                 | -            | -    | 10+ | C1  | Section 5 | At risk of removal but aiming to retain |
| T235 | Remotely surveyed | -             | -      | -            | -            | -     | -                                 | -            | -    | 10+ | C1  | Section 5 | At risk of removal but aiming to retain |
| G236 | Norway Maple      | 385           | 16     | 9            | 1.5          | 8     | -                                 | Early Mature | 4.6  | 20+ | B2  | Section 5 | Retained with Protection Measures       |
| T237 | Remotely surveyed | -             | -      | -            | -            | -     | -                                 | -            | -    | 10+ | C1  | Section 5 | At risk of removal but aiming to retain |
| T238 | Remotely surveyed | -             | -      | -            | -            | -     | -                                 | -            | -    | 10+ | C1  | Section 5 | Retained with Protection Measures       |
| T239 | Remotely surveyed | -             | -      | -            | -            | -     | -                                 | -            | -    | 10+ | C1  | Section 5 | Removed                                 |
| T240 | Remotely surveyed | -             | -      | -            | -            | -     | -                                 | -            | -    | 10+ | C1  | Section 5 | Removed                                 |
| T241 | Remotely surveyed | -             | -      | -            | -            | -     | -                                 | -            | -    | 10+ | C1  | Section 5 | Removed                                 |

| Ref  | Species           | Stem diameter | Height | Crown Spread | Crown Height | Count | Comments   | Ages Class | RPA  | ERC | Cat | Section   | Impact                                  |
|------|-------------------|---------------|--------|--------------|--------------|-------|--|------------|------|-----|-----|-----------|---|
| T242 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -          | -    | 10+ | C1  | Section 5 | Removed                                 |
| T243 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -          | -    | 10+ | C1  | Section 5 | Removed                                 |
| T244 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -          | -    | 10+ | C1  | Section 5 | Removed                                 |
| T245 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -          | -    | 10+ | C1  | Section 5 | Removed                                 |
| T246 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -          | -    | 10+ | C1  | Section 5 | Removed                                 |
| T247 | Native Oak        | 700           | 12     | 14           | 2.5          | -     | -  | Mature     | 8.4  | 20+ | B1  | Section 5 | Removed                                 |
| G248 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -          | -    | 10+ | C2  | Section 5 | At risk of removal but aiming to retain |
| T249 | Native Oak        | 850           | 15     | 17           | 2            | -     | -  | Mature     | 10.2 | 40+ | A1  | Section 5 | At risk of removal but aiming to retain |
| G250 | Native Oak        | 575           | 17     | 10           | 3            | 32    | Closely spaced Oaks, possibly located on highway land, separated from larger woodland by stock fencing | Mature     | 6.9  | 40+ | A2  | Section 5 | At risk of removal but aiming to retain |
| T251 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -          | -    | 10+ | C1  | Section 5 | Retained with Protection Measures       |
| T252 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -          | -    | 10+ | C1  | Section 5 | Retained with Protection Measures       |
| T253 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -          | -    | 10+ | C1  | Section 5 | Retained with Protection Measures       |
| T254 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -          | -    | 10+ | C1  | Section 5 | At risk of removal but aiming to retain |
| G255 | Native Oak        | 700           | 14     | 13           | 3            | 15    | -  | Mature     | 8.4  | 40+ | A2  | Section 5 | At risk of removal but aiming to retain |
| T256 | Native Oak        | 1000          | 14     | 17           | 3            | -     | -  | Mature     | 12   | 40+ | A1  | Section 5 | At risk of removal but aiming to retain |
| T257 | Native Oak        | 900           | 14     | 15           | 3.5          | -     | -  | Mature     | 10.8 | 40+ | A1  | Section 5 | Removed                                 |
| T258 | Native Oak        | 950           | 14     | 17           | 3            | -     | -  | Mature     | 11.4 | 40+ | A1  | Section 5 | Retained with Protection Measures       |
| G259 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -          | -    | 10+ | C2  | Section 5 | At risk of removal but aiming to retain |
| T260 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -          | -    | 10+ | C1  | Section 5 | Retained with Protection Measures       |
| T261 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -          | -    | 10+ | C1  | Section 5 | Retained with Protection Measures       |
| T262 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -          | -    | 10+ | C1  | Section 5 | At risk of removal but aiming to retain |
| T263 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -          | -    | 10+ | C1  | Section 5 | At risk of removal but aiming to retain |
| T264 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -          | -    | 10+ | C1  | Section 5 | At risk of removal but aiming to retain |
| T265 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -          | -    | 10+ | C1  | Section 5 | At risk of removal but aiming to retain |
| T266 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -          | -    | 10+ | C1  | Section 5 | At risk of removal but aiming to retain |
| T267 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -          | -    | 10+ | C1  | Section 5 | At risk of removal but aiming to retain |

| Ref  | Species           | Stem diameter | Height | Crown Spread | Crown Height | Count | Comments   | Ages Class   | RPA  | ERC | Cat | Section   | Impact                                  |
|------|-------------------|---------------|--------|--------------|--------------|-------|--|--------------|------|-----|-----|-----------|---|
| T268 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 5 | At risk of removal but aiming to retain |
| T269 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 5 | At risk of removal but aiming to retain |
| T270 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 5 | At risk of removal but aiming to retain |
| G271 | Birch             | 375           | 14     | 9            | 2.5          | 3     | -  | Early Mature | 4.5  | 20+ | B2  | Section 5 | At risk of removal but aiming to retain |
| G272 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C2  | Section 5 | Partial removal                         |
| T273 | Ash               | 1450          | 20     | 15           | 0.5          | -     | Historic hedgerow Ash. Basal buttress cavities with nesting material visible. Moderately dense ivy. Large diameter branch loss wounds. Inonotus hispidus detachment point. Crown decline. Veteran characteristics. | Veteran      | 21.8 | 40+ | A3  | Section 5 | Retained with Protection Measures       |
| G274 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C2  | Section 5 | Partial removal                         |
| T275 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 5 | Removed                                 |
| T276 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 5 | At risk of removal but aiming to retain |
| T277 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 5 | Removed                                 |
| T278 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 5 | At risk of removal but aiming to retain |
| T279 | Native Oak        | 850           | 17     | 16           | 3            | -     | Storm damage   | Mature       | 10.2 | 20+ | B1  | Section 5 | Removed                                 |
| T280 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 5 | Retained with Protection Measures       |
| T281 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 5 | Retained with Protection Measures       |
| T282 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 5 | Retained with Protection Measures       |
| T283 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 5 | Retained with Protection Measures       |
| T284 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 5 | Retained with Protection Measures       |
| T285 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 5 | At risk of removal but aiming to retain |
| T287 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 5 | At risk of removal but aiming to retain |
| T288 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 5 | At risk of removal but aiming to retain |
| G289 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C2  | Section 5 | Partial removal                         |
| G290 | Ash               | 575           | 15     | 11           | 2.5          | 7     | Lapsed Ash hedgerow  | Mature       | 6.9  | 20+ | B2  | Section 5 | At risk of removal but aiming to retain |
| G286 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C2  | Section 5 | Partial removal                         |
| T291 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 5 | Retained with Protection Measures       |
| T292 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 5 | At risk of removal but aiming to retain |

| Ref  | Species           | Stem diameter | Height | Crown Spread | Crown Height | Count | Comments   | Ages Class   | RPA  | ERC | Cat | Section   | Impact                                  |
|------|-------------------|---------------|--------|--------------|--------------|-------|--|--------------|------|-----|-----|-----------|---|
| T293 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 5 | At risk of removal but aiming to retain |
| G294 | Mixed Broadleaves | 275           | 10     | 7            | 1            | 9     | -  | Early Mature | 3.3  | 20+ | B2  | Section 5 | At risk of removal but aiming to retain |
| G295 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C2  | Section 5 | Partial removal                         |
| G296 | Mixed Broadleaves | 250           | 14     | 5            | <0.5         | 200   | -  | Early Mature | 3    | 20+ | B2  | Section 5 | At risk of removal but aiming to retain |
| T297 | Ash               | 800           | 17     | 14           | 3.5          | -     | 2 stems from base. Diameter estimated. High crown lift. Ash dieback present on sucker growth.                                      | Mature       | 9.6  | 20+ | B1  | Section 5 | At risk of removal but aiming to retain |
| G300 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C2  | Section 5 | At risk of removal but aiming to retain |
| T298 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 5 | At risk of removal but aiming to retain |
| T299 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 5 | Retained with Protection Measures       |
| G301 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C2  | Section 5 | Partial removal                         |
| G302 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C2  | Section 5 | Partial removal                         |
| G303 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C2  | Section 5 | At risk of removal but aiming to retain |
| T304 | Ash               | 1350          | 12     | 14           | 2.5          | -     | Coppice origin, original stem lost at 3m with regrowth and established basal sucker growth. 5 stems from base. Diameter estimated. | Mature       | 16.2 | 20+ | B1  | Section 5 | At risk of removal but aiming to retain |
| G305 | Mixed Broadleaves | 275           | 12     | 7            | <0.5         | 100   | Unmanaged copse. Dense undergrowth.  | Mature       | 3.3  | 20+ | B2  | Section 5 | Partial removal                         |
| T306 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 5 | At risk of removal but aiming to retain |
| G307 | Mixed Broadleaves | 225           | 9      | 5            | <0.5         | 45    | Mixed hawthorn and young Oak copse. 2 stems from base.   | Mature       | 2.7  | 20+ | B2  | Section 5 | Partial removal                         |
| T308 | Native Oak        | 420           | 11     | 12           | 4            | -     | -  | Mature       | 5    | 20+ | B1  | Section 5 | Removed                                 |
| G309 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C2  | Section 5 | At risk of removal but aiming to retain |
| T310 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 5 | Removed                                 |
| T311 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 5 | At risk of removal but aiming to retain |
| T312 | Native Oak        | 910           | 10     | 16           | 3            | -     | Slight stem kink south. 2 stems from 4m. Crown biased to the south.  | Mature       | 10.9 | 40+ | A1  | Section 5 | Removed                                 |
| G322 | Mixed Broadleaves | 225           | 6      | 6            | <0.5         | 30    | Historic hedgerow, unmanaged. Slight stem kink south. 2 stems from 4m. Crown biased south. Native Oak and Hawthorn.                | Mature       | 2.7  | 20+ | B2  | Section 5 | Partial removal                         |
| T313 | Ash               | 600           | 13     | 12           | >4.0         | -     | 2 stems from base, crown lifted  | Mature       | 7.2  | 20+ | B1  | Section 5 | At risk of removal but aiming to retain |
| T314 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 5 | At risk of removal but aiming to retain |
| G315 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C2  | Section 5 | At risk of removal but aiming to retain |
| T316 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 5 | Retained with Protection Measures       |

| Ref  | Species           | Stem diameter | Height | Crown Spread | Crown Height | Count | Comments   | Ages Class   | RPA  | ERC | Cat | Section   | Impact                                  |
|------|-------------------|---------------|--------|--------------|--------------|-------|--|--------------|------|-----|-----|-----------|---|
| T317 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 5 | At risk of removal but aiming to retain |
| T318 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 5 | At risk of removal but aiming to retain |
| T319 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 5 | At risk of removal but aiming to retain |
| T320 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 5 | Retained with Protection Measures       |
| T321 | Ash               | 940           | 11     | 12           | 3            | -     | Dense ivy to upper crown   | Mature       | 11.3 | 20+ | B1  | Section 5 | At risk of removal but aiming to retain |
| G323 | Mixed Broadleaves | 350           | 12     | 10           | 3            | 12    | 9 x silver birch, 3 x sycamore   | Semi Mature  | 4.2  | 20+ | B2  | Section 5 | Partial removal                         |
| T324 | Sycamore          | 940           | 16     | 13           | 4            | -     | 1m x 30cm cavity opening from 0.3m south   | Mature       | 11.3 | 20+ | B1  | Section 5 | At risk of removal but aiming to retain |
| G235 | Remotely surveyed | -             | -      | -            | -            | -     | Coppice origin. 1m x 30cm cavity opening from 0.3m south.  | -            | -    | 10+ | C2  | Section 5 | Partial removal                         |
| G326 | Mixed Broadleaves | 400           | 15     | 6            | <0.5         | 140   | Mature Hawthorn wood from western end with character changing to self set young to early mature Sycamore, Ash, Goat Willow, Norway Maple, Buddleia and Oak.      | Early Mature | 4.8  | 20+ | B2  | Section 5 | At risk of removal but aiming to retain |
| T327 | Native Oak        | 1150          | 17     | 20           | 3            | -     | -  | Mature       | 13.8 | 40+ | A1  | Section 5 | Retained with Protection Measures       |
| G328 | Mixed Broadleaves | 375           | 18     | 8            | <0.5         | 500   | Young to early mature mixed broadleaf woodland. Oak, Elm, Birch, Willow, Alder, Elder, Hawthorn, Ash and Sycamore present. Active badgers setts within woodland. | Early Mature | 4.5  | 40+ | A2  | Section 5 | At risk of removal but aiming to retain |
| G329 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C2  | Section 5 | Retained with Protection Measures       |
| G330 | Norway Maple      | 400           | 15     | 6            | 2            | 14    | -  | Early Mature | 4.8  | 20+ | B2  | Section 5 | Retained with Protection Measures       |
| G331 | Mixed Broadleaves | 175           | 7      | 4            | <0.5         | 70    | -  | Mature       | 2.1  | 20+ | B2  | Section 5 | Retained with Protection Measures       |
| G332 | Hawthorn          | 200           | 7      | 4            | <0.5         | 75    | -  | Mature       | 2.4  | 20+ | B2  | Section 5 | Partial removal                         |
| G333 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C2  | Section 5 | At risk of removal but aiming to retain |
| G334 | Mixed Broadleaves | 225           | 11     | 7            | <0.5         | 50    | Block planted carriageway screening  | Semi Mature  | 2.7  | 20+ | B2  | Section 5 | Retained with Protection Measures       |
| G335 | Ash               | 300           | 17     | 14           | 2.5          | 4     | Multi-stemmed coppice origin, remnants of hedgerow. Cumulative diameter estimated.   | Mature       | 3.6  | 20+ | B2  | Section 5 | At risk of removal but aiming to retain |
| T336 | Hazel             | 750           | 8      | 12           | 2.5          | -     | 9+ stems from base. Diameter estimated.  | Mature       | 9    | 20+ | B1  | Section 5 | At risk of removal but aiming to retain |
| T337 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 5 | Removed                                 |
| G338 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C2  | Section 5 | Partial removal                         |
| G339 | Holly             | 200           | 9      | 10           | <0.5         | 25    | Coppice origin   | Mature       | 2.4  | 20+ | B2  | Section 5 | Partial removal                         |
| G340 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C2  | Section 5 | Partial removal                         |
| G341 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C2  | Section 5 | At risk of removal but aiming to retain |



| Ref  | Species                    | Stem diameter | Height | Crown Spread | Crown Height | Count | Comments                                      | Ages Class   | RPA  | ERC | Cat | Section   | Impact                                  |
|------|----------------------------|---------------|--------|--------------|--------------|-------|---|--------------|------|-----|-----|-----------|---|
| T342 | Sycamore                   | 350           | 10     | 7            | 3            | -     | -   | Early Mature | 4.2  | 20+ | B1  | Section 5 | Retained with Protection Measures       |
| G343 | Remotely surveyed          | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C2  | Section 5 | At risk of removal but aiming to retain |
| G344 | Remotely surveyed          | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C2  | Section 5 | At risk of removal but aiming to retain |
| G345 | Remotely surveyed          | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C2  | Section 5 | Partial removal                         |
| G346 | Mixed Broadleaves          | 250           | 14     | 8            | <0.5         | 75    | Lapsed hedgerow leading to woodland edge      | Early Mature | 3    | 20+ | B2  | Section 5 | Retained with Protection Measures       |
| T347 | Eucalyptus                 | 470           | 15     | 6            | 3.5          | -     | -   | Early Mature | 5.6  | 20+ | B1  | Section 5 | At risk of removal but aiming to retain |
| G348 | Remotely surveyed          | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C2  | Section 5 | At risk of removal but aiming to retain |
| G349 | Remotely surveyed          | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C2  | Section 5 | Retained with Protection Measures       |
| T350 | Remotely surveyed          | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C1  | Section 5 | At risk of removal but aiming to retain |
| G351 | Mixed Broadleaves          | 200           | 12     | 10           | <0.5         | 30    | Multi-stemmed Willow and Alder with Hawthorn. | Early Mature | 2.4  | 20+ | B2  | Section 5 | Retained with Protection Measures       |
| T352 | Remotely surveyed          | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C1  | Section 5 | Retained with Protection Measures       |
| G353 | Mixed Broadleaves          | 300           | 14     | 8            | <0.5         | 35    | -   | Early Mature | 3.6  | 20+ | B2  | Section 5 | At risk of removal but aiming to retain |
| T354 | Sycamore                   | 850           | 15     | 14           | 3            | -     | -   | Mature       | 10.2 | 40+ | A1  | Section 5 | At risk of removal but aiming to retain |
| G355 | Remotely surveyed          | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C2  | Section 5 | Retained with Protection Measures       |
| T356 | Remotely surveyed          | -             | -      | -            | -            | -     | Progressive decline                           | -            | -    | 10+ | C1  | Section 5 | At risk of removal but aiming to retain |
| T357 | Remotely surveyed          | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C1  | Section 5 | Retained with Protection Measures       |
| G358 | Remotely surveyed          | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C2  | Section 5 | At risk of removal but aiming to retain |
| G359 | Mixed Broadleaves          | 200           | 14     | 7            | <0.5         | 125   | -   | Semi Mature  | 2.4  | 20+ | B2  | Section 5 | Retained with Protection Measures       |
| G360 | Mixed Broadleaves, Cypress | 200           | 9      | 5            | 0.5          | 25    | -   | Early Mature | 2.4  | 20+ | B2  | Section 5 | At risk of removal but aiming to retain |
| T361 | Sycamore                   | 850           | 17     | 15           | 3.5          | -     | -   | Mature       | 10.2 | 40+ | A1  | Section 5 | Retained with Protection Measures       |
| T362 | Native Oak                 | 550           | 9      | 9            | 3            | -     | -   | Early Mature | 6.6  | 20+ | B1  | Section 5 | Retained with Protection Measures       |
| T363 | Native Oak                 | 700           | 12     | 16           | 3            | -     | -   | Early Mature | 8.4  | 40+ | A1  | Section 5 | Removed                                 |
| T364 | Remotely surveyed          | -             | -      | -            | -            | -     | Topped to 4m stem with minor branches         | -            | -    | 10+ | C1  | Section 5 | At risk of removal but aiming to retain |
| G365 | Magnolia                   | 625           | 19     | 10           | 3            | 7     | -   | Mature       | 7.5  | 20+ | B2  | Section 5 | Partial removal                         |
| T366 | Remotely surveyed          | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C1  | Section 5 | Retained with Protection Measures       |

| Ref  | Species           | Stem diameter | Height | Crown Spread | Crown Height | Count | Comments  | Ages Class   | RPA  | ERC | Cat | Section   | Impact                                  |
|------|-------------------|---------------|--------|--------------|--------------|-------|---|--------------|------|-----|-----|-----------|---|
| T367 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C1  | Section 5 | Retained with Protection Measures       |
| T368 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C1  | Section 5 | Retained with Protection Measures       |
| G369 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C2  | Section 5 | Retained with Protection Measures       |
| T370 | Ash               | 650           | 16     | 12           | 3.5          | -     | -   | Early Mature | 7.8  | 20+ | B1  | Section 5 | Retained with Protection Measures       |
| T371 | Ash               | 850           | 20     | 16           | 4            | -     | Crown biased east, due to neighbouring tree to west, since removed.               | Mature       | 10.2 | 40+ | A1  | Section 5 | Retained with Protection Measures       |
| G372 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C2  | Section 5 | Retained with Protection Measures       |
| T373 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C1  | Section 5 | Retained with Protection Measures       |
| G374 | Native Oak        | 685           | 15     | 13           | 2.5          | 5     | Linear row located along boundary with public play park. Very high amenity value. | Mature       | 8.2  | 40+ | A2  | Section 5 | Retained with Protection Measures       |
| G375 | Mixed Broadleaves | 300           | 13     | 8            | <0.5         | 75    | Lapsed hedgerow, valuable screen  | Early Mature | 3.6  | 20+ | B2  | Section 5 | Retained with Protection Measures       |
| T376 | Native Oak        | 850           | 13     | 16           | 3            | -     | -   | Mature       | 10.2 | 40+ | A1  | Section 5 | Retained with Protection Measures       |
| G377 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C2  | Section 5 | Retained with Protection Measures       |
| G378 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C2  | Section 5 | At risk of removal but aiming to retain |
| T379 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C1  | Section 5 | At risk of removal but aiming to retain |
| G380 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C2  | Section 5 | Retained with Protection Measures       |
| G381 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C2  | Section 5 | Retained with Protection Measures       |
| T382 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C1  | Section 4 | At risk of removal but aiming to retain |
| T383 | Sycamore          | 850           | 16     | 14           | 3            | -     | -   | Mature       | 10.2 | 40+ | A1  | Section 4 | Retained with Protection Measures       |
| T384 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C1  | Section 4 | Retained with Protection Measures       |
| G385 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C2  | Section 4 | Retained with Protection Measures       |
| T386 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C1  | Section 4 | At risk of removal but aiming to retain |
| T387 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C1  | Section 4 | At risk of removal but aiming to retain |
| G388 | Mixed Broadleaves | 475           | 18     | 10           | <0.5         | 25    | -   | Mature       | 5.7  | 20+ | B2  | Section 4 | At risk of removal but aiming to retain |
| T389 | Native Oak        | 650           | 12     | 12           | 3            | -     | -   | Early Mature | 7.8  | 20+ | B1  | Section 4 | At risk of removal but aiming to retain |
| T390 | Ash               | 750           | 15     | 14           | 3            | -     | Twin stem from 1m   | Early Mature | 9    | 20+ | B1  | Section 4 | At risk of removal but aiming to retain |

| Ref  | Species           | Stem diameter | Height | Crown Spread | Crown Height | Count | Comments  | Ages Class   | RPA  | ERC | Cat | Section   | Impact                                  |
|------|-------------------|---------------|--------|--------------|--------------|-------|---|--------------|------|-----|-----|-----------|---|
| T391 | Ash               | 700           | 14     | 12           | 3            | -     | -   | Mature       | 8.4  | 20+ | B1  | Section 4 | Retained with Protection Measures       |
| G392 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C2  | Section 4 | Partial removal                         |
| T393 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C1  | Section 4 | At risk of removal but aiming to retain |
| T394 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C1  | Section 4 | At risk of removal but aiming to retain |
| G395 | Willow            | 250           | 10     | 12           | <0.5         | 12    | Lapsed coppice origin hedgrow   | Mature       | 3    | 20+ | B2  | Section 4 | At risk of removal but aiming to retain |
| T396 | Native Oak        | 950           | 13     | 15           | 3            | -     | Crown highly biased south   | Mature       | 11.4 | 20+ | B1  | Section 4 | At risk of removal but aiming to retain |
| T397 | Ash               | 450           | 11     | 7            | 3            | -     | 3 stems from base   | Early Mature | 5.4  | 20+ | B1  | Section 4 | At risk of removal but aiming to retain |
| T398 | Ash               | 950           | 15     | 2            | 3            | -     | 0.5m x 10cm cavity opening from 1m north, opens into hollowed out stem with upper branch tear out cavity. | Veteran      | 15.0 | 40+ | A3  | Section 4 | Retained with Protection Measures       |
| G400 | Remotely surveyed | -             | -      | -            | -            | -     | 0.5m x 10cm cavity opening from 1m north, opens into hollowed out stem with upper branch tear out cavity. | -            | -    | 10+ | C2  | Section 4 | At risk of removal but aiming to retain |
| T399 | Remotely surveyed | -             | -      | -            | -            | -     | Stem lost at 3m. 1 x 300mm x 12m long lateral to south and minor branch north                             | -            | -    | 10+ | C1  | Section 4 | At risk of removal but aiming to retain |
| T401 | Native Oak        | 950           | 12     | 13           | 3            | -     | Crown decline   | Mature       | 11.4 | 20+ | B1  | Section 4 | At risk of removal but aiming to retain |
| G402 | Native Oak        | 375           | 8      | 8            | 2.5          | 6     | -   | Semi Mature  | 4.5  | 20+ | B2  | Section 4 | Retained with Protection Measures       |
| T403 | Native Oak        | 800           | 13     | 15           | 3.5          | -     | -   | Mature       | 9.6  | 20+ | B1  | Section 4 | Retained with Protection Measures       |
| T404 | Native Oak        | 950           | 14     | 16           | 2.5          | -     | -   | Mature       | 11.4 | 20+ | B1  | Section 4 | At risk of removal but aiming to retain |
| T405 | Native Oak        | 850           | 13     | 15           | 2.5          | -     | -   | Mature       | 10.2 | 20+ | B1  | Section 4 | At risk of removal but aiming to retain |
| T406 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C1  | Section 4 | Retained with Protection Measures       |
| T407 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C1  | Section 4 | Retained with Protection Measures       |
| T408 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C1  | Section 4 | At risk of removal but aiming to retain |
| T409 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C1  | Section 4 | Removed                                 |
| T410 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C1  | Section 4 | Removed                                 |
| T411 | Native Oak        | 400           | 8      | 9            | 3            | -     | -   | Early Mature | 4.8  | 20+ | B1  | Section 4 | Removed                                 |
| G412 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C2  | Section 4 | At risk of removal but aiming to retain |
| G413 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C2  | Section 4 | Retained with Protection Measures       |
| T414 | Native Oak        | 800           | 15     | 17           | 2.5          | -     | -   | Mature       | 9.6  | 40+ | A1  | Section 4 | Removed                                 |
| T415 | Native Oak        | 350           | 12     | 7            | 3            | -     | -   | Early Mature | 4.2  | 20+ | B1  | Section 4 | Removed                                 |
| G416 | Mixed Broadleaves | 525           | 15     | 10           | 2            | 10    | -   | Mature       | 6.3  | 20+ | B2  | Section 4 | Retained with Protection Measures       |

| Ref  | Species           | Stem diameter | Height | Crown Spread | Crown Height | Count | Comments   | Ages Class   | RPA  | ERC | Cat | Section   | Impact                                  |
|------|-------------------|---------------|--------|--------------|--------------|-------|--|--------------|------|-----|-----|-----------|---|
| T417 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 4 | Retained with Protection Measures       |
| T418 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 4 | Retained with Protection Measures       |
| T419 | Native Oak        | 800           | 14     | 16           | 3            | -     | -  | Mature       | 9.6  | 40+ | A1  | Section 4 | At risk of removal but aiming to retain |
| G420 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C2  | Section 4 | At risk of removal but aiming to retain |
| G421 | Willow            | 425           | 15     | 7            | <0.5         | 15    | Majority coppice origin, valuable screen               | Early Mature | 5.1  | 20+ | B2  | Section 4 | At risk of removal but aiming to retain |
| T422 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 4 | Retained with Protection Measures       |
| T423 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 4 | Retained with Protection Measures       |
| G424 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C2  | Section 4 | Partial removal                         |
| T425 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 4 | Retained with Protection Measures       |
| T426 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 4 | Retained with Protection Measures       |
| T427 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 4 | Retained with Protection Measures       |
| T428 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 4 | Retained with Protection Measures       |
| T429 | Native Oak        | 900           | 17     | 19           | 3            | -     | -  | Mature       | 10.8 | 40+ | A1  | Section 4 | At risk of removal but aiming to retain |
| G430 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C2  | Section 4 | Partial removal                         |
| T431 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 4 | Removed                                 |
| T432 | Ash               | 600           | 12     | 11           | 3.5          | -     | -  | Early Mature | 7.2  | 20+ | B1  | Section 4 | Retained with Protection Measures       |
| G433 | Remotely surveyed | -             | -      | -            | -            | -     | Multistemmed, progressive decline                      | -            | -    | 10+ | C2  | Section 4 | Partial removal                         |
| T434 | Remotely surveyed | -             | -      | -            | -            | -     | Multistemmed, progressive decline                      | -            | -    | 10+ | C1  | Section 4 | Removed                                 |
| T435 | Ash               | 700           | 15     | 12           | 3.5          | -     | -  | Mature       | 8.4  | 20+ | B1  | Section 4 | At risk of removal but aiming to retain |
| G439 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C2  | Section 4 | Partial removal                         |
| T436 | Native Oak        | 460           | 13     | 13           | 3            | -     | -  | Semi Mature  | 5.5  | 20+ | B1  | Section 4 | Retained with Protection Measures       |
| T437 | Birch             | 350           | 13     | 7            | 3            | -     | -  | Semi Mature  | 4.2  | 20+ | B1  | Section 4 | Retained with Protection Measures       |
| T438 | Ash               | 450           | 10     | 8            | 3.5          | -     | Multistemmed   | Early Mature | 5.4  | 20+ | B1  | Section 4 | Removed                                 |
| T440 | Ash               | 300           | 9      | 6            | 3.5          | -     | 2 stems from base                                      | Semi Mature  | 3.6  | 20+ | B1  | Section 4 | Removed                                 |
| T441 | Ash               | 450           | 12     | 14           | 2.5          | -     | Coppice origin, multi-stemmed Ash. Diameter estimated. | Early Mature | 5.4  | 20+ | B1  | Section 4 | At risk of removal but aiming to retain |
| G442 | Mixed Broadleaves | 225           | 11     | 6            | <0.5         | 150   | Very closely spaced group                              | Early Mature | 2.7  | 20+ | B2  | Section 4 | At risk of removal but aiming to retain |
| G443 | Mixed Broadleaves | 550           | 23     | 9            | 1            | 19    | -  | Early Mature | 6.6  | 20+ | B2  | Section 4 | At risk of removal but aiming to retain |

| Ref  | Species           | Stem diameter | Height | Crown Spread | Crown Height | Count | Comments  | Ages Class   | RPA  | ERC | Cat | Section   | Impact                                  |
|------|-------------------|---------------|--------|--------------|--------------|-------|---|--------------|------|-----|-----|-----------|---|
| G444 | Scots Pine        | 305           | 23     | 6            | 1            | 19    | -   | Early Mature | 3.7  | 20+ | B2  | Section 4 | At risk of removal but aiming to retain |
| T445 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C1  | Section 4 | Retained with Protection Measures       |
| T446 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C1  | Section 4 | Retained with Protection Measures       |
| G447 | Horse Chestnut    | 850           | 19     | 14           | 2.5          | 5     | -   | Mature       | 10.2 | 40+ | A2  | Section 4 | At risk of removal but aiming to retain |
| T448 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C1  | Section 4 | Retained with Protection Measures       |
| T449 | Ash               | 480           | 13     | 11           | 3            | -     | -   | Early Mature | 5.8  | 20+ | B1  | Section 4 | Retained with Protection Measures       |
| T450 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C1  | Section 4 | Retained with Protection Measures       |
| T452 | Native Oak        | 1100          | 18     | 17           | 3            | -     | -   | Mature       | 13.2 | 40+ | A1  | Section 4 | At risk of removal but aiming to retain |
| G451 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C2  | Section 4 | Partial removal                         |
| T453 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C1  | Section 4 | Removed                                 |
| G454 | Native Oak        | 900           | 15     | 14           | 3.5          | 4     | Trenched down east side of stems. Basal wounding and poor pruning | Over Mature  | 10.8 | 20+ | B2  | Section 4 | Partial removal                         |
| G455 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C2  | Section 4 | At risk of removal but aiming to retain |
| T456 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C1  | Section 4 | Retained with Protection Measures       |
| T457 | Native Oak        | 460           | 9      | 9            | 2            | -     | -   | Early Mature | 5.5  | 20+ | B1  | Section 4 | At risk of removal but aiming to retain |
| T458 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C1  | Section 4 | Retained with Protection Measures       |
| T459 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C1  | Section 4 | Retained with Protection Measures       |
| G460 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C2  | Section 4 | Retained with Protection Measures       |
| G461 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C2  | Section 4 | At risk of removal but aiming to retain |
| T462 | Native Oak        | 950           | 14     | 14           | 2.5          | -     | -   | Mature       | 11.4 | 20+ | B1  | Section 4 | Retained with Protection Measures       |
| T463 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C1  | Section 4 | At risk of removal but aiming to retain |
| G470 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C2  | Section 4 | At risk of removal but aiming to retain |
| T464 | Native Oak        | 800           | 15     | 15           | 2            | -     | -   | Mature       | 9.6  | 40+ | A1  | Section 4 | Retained with Protection Measures       |
| G465 | Mixed Broadleaves | 125           | 7      | 5            | <0.5         | 35    | Lapsed hedgerow   | Mature       | 1.5  | 20+ | B2  | Section 4 | Partial removal                         |
| G466 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C2  | Section 4 | Retained with Protection Measures       |
| G467 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C2  | Section 4 | Partial removal                         |
| G468 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C2  | Section 4 | Partial removal                         |

| Ref  | Species           | Stem diameter | Height | Crown Spread | Crown Height | Count | Comments | Ages Class   | RPA | ERC | Cat | Section   | Impact                                  |
|------|-------------------|---------------|--------|--------------|--------------|-------|----------|--------------|-----|-----|-----|-----------|---|
| T469 | Remotely surveyed | -             | -      | -            | -            | -     | -        | -            | -   | 10+ | C1  | Section 4 | At risk of removal but aiming to retain |
| T471 | Lime              | 580           | 13     | 12           | 2.5          | -     | -        | Early Mature | 7   | 20+ | B1  | Section 4 | At risk of removal but aiming to retain |
| G472 | Mixed Broadleaves | 225           | 9      | 5            | <0.5         | 13    | -        | Semi Mature  | 2.7 | 20+ | B2  | Section 4 | Partial removal                         |
| T473 | Remotely surveyed | -             | -      | -            | -            | -     | -        | -            | -   | 10+ | C1  | Section 4 | Retained with Protection Measures       |
| G474 | Remotely surveyed | -             | -      | -            | -            | -     | -        | -            | -   | 10+ | C2  | Section 4 | Partial removal                         |
| G475 | Mixed Broadleaves | 325           | 9      | 7            | 2.5          | 3     | -        | Early Mature | 3.9 | 20+ | B2  | Section 4 | At risk of removal but aiming to retain |
| G476 | Remotely surveyed | -             | -      | -            | -            | -     | -        | -            | -   | 10+ | C2  | Section 4 | At risk of removal but aiming to retain |
| G477 | Mixed Broadleaves | 450           | 13     | 8            | 2            | 4     | -        | Early Mature | 5.4 | 20+ | B2  | Section 4 | At risk of removal but aiming to retain |
| G478 | Remotely surveyed | -             | -      | -            | -            | -     | -        | -            | -   | 10+ | C2  | Section 4 | Partial removal                         |
| T479 | Horse Chestnut    | 480           | 9      | 8            | 3            | -     | -        | Semi Mature  | 5.8 | 20+ | B1  | Section 4 | At risk of removal but aiming to retain |
| T480 | Horse Chestnut    | 540           | 9      | 8            | 2.5          | -     | -        | Semi Mature  | 6.5 | 20+ | B1  | Section 4 | At risk of removal but aiming to retain |
| G481 | Remotely surveyed | -             | -      | -            | -            | -     | -        | -            | -   | 10+ | C2  | Section 4 | At risk of removal but aiming to retain |
| G482 | Horse Chestnut    | 525           | 7      | 10           | 2            | 1     | -        | Semi Mature  | 6.3 | 20+ | B2  | Section 4 | At risk of removal but aiming to retain |
| G483 | Scots Pine        | 300           | 10     | 6            | 2.5          | 2     | -        | Early Mature | 3.6 | 20+ | B2  | Section 4 | At risk of removal but aiming to retain |
| G484 | Remotely surveyed | -             | -      | -            | -            | -     | -        | -            | -   | 10+ | C2  | Section 4 | Retained with Protection Measures       |
| G485 | Remotely surveyed | -             | -      | -            | -            | -     | -        | -            | -   | 10+ | C2  | Section 4 | At risk of removal but aiming to retain |
| T486 | Native Oak        | 450           | 11     | 9            | 3            | -     | -        | Early Mature | 5.4 | 20+ | B1  | Section 4 | Retained with Protection Measures       |
| T487 | Remotely surveyed | -             | -      | -            | -            | -     | -        | -            | -   | 10+ | C1  | Section 4 | At risk of removal but aiming to retain |
| G488 | Larch             | 200           | 8      | 5            | 2            | 2     | -        | Semi Mature  | 2.4 | 20+ | B2  | Section 4 | At risk of removal but aiming to retain |
| G489 | Mixed Broadleaves | 375           | 8      | 8            | 2            | 2     | -        | Semi Mature  | 4.5 | 20+ | B2  | Section 4 | At risk of removal but aiming to retain |
| G490 | Remotely surveyed | -             | -      | -            | -            | -     | -        | -            | -   | 10+ | C2  | Section 4 | At risk of removal but aiming to retain |
| T491 | Remotely surveyed | -             | -      | -            | -            | -     | -        | -            | -   | 10+ | C1  | Section 4 | At risk of removal but aiming to retain |
| G492 | Remotely surveyed | -             | -      | -            | -            | -     | -        | -            | -   | 10+ | C2  | Section 4 | At risk of removal but aiming to retain |
| T493 | Poplar            | 750           | 15     | 15           | 2.5          | -     | -        | Early Mature | 9   | 20+ | B1  | Section 4 | Retained with Protection Measures       |
| T494 | Remotely surveyed | -             | -      | -            | -            | -     | -        | -            | -   | 10+ | C1  | Section 4 | At risk of removal but aiming to retain |
| G495 | Mixed Broadleaves | 350           | 15     | 8            | 2            | 11    | -        | Early Mature | 4.2 | 20+ | B2  | Section 4 | Partial removal                         |

| Ref  | Species            | Stem diameter | Height | Crown Spread | Crown Height | Count | Comments   | Ages Class  | RPA  | ERC | Cat | Section   | Impact                                  |
|------|--------------------|---------------|--------|--------------|--------------|-------|--|-------------|------|-----|-----|-----------|---|
| G496 | Remotely surveyed  | -             | -      | -            | -            | -     | -  | -           | -    | 10+ | C2  | Section 4 | Partial removal                         |
| G497 | Remotely surveyed  | -             | -      | -            | -            | -     | -  | -           | -    | 10+ | C2  | Section 4 | Partial removal                         |
| T498 | Remotely surveyed  | -             | -      | -            | -            | -     | -  | -           | -    | 10+ | C1  | Section 4 | At risk of removal but aiming to retain |
| G499 | Remotely surveyed  | -             | -      | -            | -            | -     | -  | -           | -    | 10+ | C2  | Section 4 | Partial removal                         |
| G500 | Remotely surveyed  | -             | -      | -            | -            | -     | -  | -           | -    | 10+ | C2  | Section 4 | At risk of removal but aiming to retain |
| G501 | Remotely surveyed  | -             | -      | -            | -            | -     | -  | -           | -    | 10+ | C2  | Section 4 | Retained with Protection Measures       |
| T502 | Remotely surveyed  | -             | -      | -            | -            | -     | -  | -           | -    | 10+ | C1  | Section 4 | Retained with Protection Measures       |
| T503 | Native Oak         | 950           | 13     | 15           | 3            | -     | -  | Mature      | 11.4 | 40+ | A1  | Section 4 | Retained with Protection Measures       |
| T504 | Ash                | 950           | 14     | 12           | 2.5          | -     | 5m exposed stem cavity from south of base, 50% stem loss. Original crown lost. Secondary crown established. Inonotus hispidus in crown at 4m south. Veteran characteristics. | Veteran     | 15.0 | 40+ | A3  | Section 4 | Retained with Protection Measures       |
| T505 | Purple Cherry Plum | 350           | 7      | 7            | <0.5         | -     | -  | Mature      | 4.2  | 20+ | B1  | Section 4 | Retained with Protection Measures       |
| G506 | Remotely surveyed  | -             | -      | -            | -            | -     | -  | -           | -    | 10+ | C2  | Section 4 | At risk of removal but aiming to retain |
| T507 | Remotely surveyed  | -             | -      | -            | -            | -     | -  | -           | -    | 10+ | C1  | Section 4 | Retained with Protection Measures       |
| T508 | Remotely surveyed  | -             | -      | -            | -            | -     | -  | -           | -    | 10+ | C1  | Section 4 | Retained with Protection Measures       |
| T509 | Remotely surveyed  | -             | -      | -            | -            | -     | -  | -           | -    | 10+ | C1  | Section 4 | Retained with Protection Measures       |
| T510 | Remotely surveyed  | -             | -      | -            | -            | -     | -  | -           | -    | 10+ | C1  | Section 4 | Retained with Protection Measures       |
| T511 | Remotely surveyed  | -             | -      | -            | -            | -     | -  | -           | -    | 10+ | C1  | Section 4 | Retained with Protection Measures       |
| T512 | Remotely surveyed  | -             | -      | -            | -            | -     | -  | -           | -    | 10+ | C1  | Section 4 | Retained with Protection Measures       |
| G513 | Remotely surveyed  | -             | -      | -            | -            | -     | -  | -           | -    | 10+ | C2  | Section 4 | Partial removal                         |
| T514 | Native Oak         | 480           | 10     | 11           | 2.5          | -     | -  | Semi Mature | 5.8  | 20+ | B1  | Section 4 | Retained with Protection Measures       |
| T515 | Remotely surveyed  | -             | -      | -            | -            | -     | -  | -           | -    | 10+ | C1  | Section 4 | Retained with Protection Measures       |
| T516 | Remotely surveyed  | -             | -      | -            | -            | -     | -  | -           | -    | 10+ | C1  | Section 4 | At risk of removal but aiming to retain |
| T517 | Remotely surveyed  | -             | -      | -            | -            | -     | -  | -           | -    | 10+ | C1  | Section 4 | Retained with Protection Measures       |
| T518 | Remotely surveyed  | -             | -      | -            | -            | -     | -  | -           | -    | 10+ | C1  | Section 4 | At risk of removal but aiming to retain |
| T519 | Remotely surveyed  | -             | -      | -            | -            | -     | -  | -           | -    | 10+ | C1  | Section 4 | Retained with Protection Measures       |

| Ref  | Species           | Stem diameter | Height | Crown Spread | Crown Height | Count | Comments  | Ages Class   | RPA  | ERC | Cat | Section   | Impact                                  |
|------|-------------------|---------------|--------|--------------|--------------|-------|---|--------------|------|-----|-----|-----------|---|
| T520 | Native Oak        | 950           | 10     | 12           | 2.5          | -     | Crown retrenchment. Early stage veteran.  | Over Mature  | 11.4 | 40+ | A1  | Section 4 | At risk of removal but aiming to retain |
| T521 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C1  | Section 4 | Retained with Protection Measures       |
| T522 | Native Oak        | 480           | 10     | 9            | 3            | -     | -   | Semi Mature  | 5.8  | 20+ | B1  | Section 4 | At risk of removal but aiming to retain |
| T523 | Native Oak        | 780           | 8.5    | 9            | 3            | -     | Basal decay with cavity to buttress region, senescent Ganoderma spp. to west base. Crown retrenchment and production of secondary crown. Veteran characteristics. | Veteran      | 15.0 | 40+ | A3  | Section 4 | Retained with Protection Measures       |
| G524 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C2  | Section 4 | At risk of removal but aiming to retain |
| T525 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C1  | Section 4 | At risk of removal but aiming to retain |
| T526 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C1  | Section 4 | At risk of removal but aiming to retain |
| T527 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C1  | Section 4 | Removed                                 |
| T528 | Native Oak        | 950           | 14     | 18           | 2.5          | -     | -   | Mature       | 11.4 | 40+ | A1  | Section 4 | At risk of removal but aiming to retain |
| T529 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C1  | Section 4 | At risk of removal but aiming to retain |
| T530 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C1  | Section 4 | At risk of removal but aiming to retain |
| T531 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C1  | Section 4 | At risk of removal but aiming to retain |
| G532 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C2  | Section 4 | At risk of removal but aiming to retain |
| T533 | Ash               | 700           | 9      | 9            | 3            | -     | Western extent of stem lost, probable lightning strike. Twin stems from 1.4m.   | Mature       | 8.4  | 20+ | B1  | Section 4 | Removed                                 |
| T534 | Native Oak        | 490           | 8      | 8            | 2.5          | -     | -   | Early Mature | 5.9  | 20+ | B1  | Section 4 | Removed                                 |
| T535 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C1  | Section 4 | Removed                                 |
| T536 | Ash               | 950           | 15     | 13           | 3            | -     | Storm damage and Inonotus hispidus colonisation   | Over Mature  | 11.4 | 20+ | B1  | Section 4 | At risk of removal but aiming to retain |
| G537 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C2  | Section 4 | Retained with Protection Measures       |
| G538 | Native Oak        | 850           | 16     | 12           | 2.5          | 3     | -   | Mature       | 10.2 | 40+ | A2  | Section 4 | Retained with Protection Measures       |
| T539 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C1  | Section 4 | Retained with Protection Measures       |
| T540 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C1  | Section 4 | Retained with Protection Measures       |
| T541 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C1  | Section 4 | Retained with Protection Measures       |
| T542 | Native Oak        | 750           | 13     | 12           | 3.5          | -     | -   | Mature       | 9    | 20+ | B1  | Section 4 | Retained with Protection Measures       |
| T543 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C1  | Section 4 | At risk of removal but aiming to retain |



| Ref  | Species           | Stem diameter | Height | Crown Spread | Crown Height | Count | Comments  | Ages Class   | RPA  | ERC | Cat | Section   | Impact                                  |
|------|-------------------|---------------|--------|--------------|--------------|-------|---|--------------|------|-----|-----|-----------|---|
| T544 | Native Oak        | 950           | 8      | 7            | 3            | -     | Ongoing stem decay, exposed wound, significant stem cavity with ongoing cubicle decay from 2.5m. Early signs retrenchment. stunted growth. Veteran characteristics. | Veteran      | 15.0 | 40+ | A3  | Section 4 | Retained with Protection Measures       |
| T545 | Hawthorn          | 450           | 6      | 7            | 2            | -     | 4 stems from base. Diameter estimated.  | Mature       | 5.4  | 20+ | B1  | Section 4 | At risk of removal but aiming to retain |
| T546 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C1  | Section 4 | Retained with Protection Measures       |
| T547 | Poplar            | 900           | 24     | 16           | 3.5          | -     | -   | Mature       | 10.8 | 20+ | B1  | Section 4 | At risk of removal but aiming to retain |
| G549 | Mixed Conifer     | 350           | 12     | 6            | 2            | 40    | -   | Early Mature | 4.2  | 20+ | B2  | Section 4 | At risk of removal but aiming to retain |
| G550 | Mixed Broadleaves | 275           | 12     | 7            | 2            | 40    | -   | Early Mature | 3.3  | 20+ | B2  | Section 4 | At risk of removal but aiming to retain |
| T548 | Poplar            | 800           | 23     | 14           | 3.5          | -     | -   | Mature       | 9.6  | 20+ | B1  | Section 4 | At risk of removal but aiming to retain |
| G551 | Poplar            | 875           | 24     | 15           | 3.5          | 4     | -   | Mature       | 10.5 | 20+ | B2  | Section 4 | At risk of removal but aiming to retain |
| G552 | Willow            | 700           | 17     | 13           | <0.5         | 25    | Willows have large cavities, stem failures, snapped out scaffold branches, signs of decline.  | Mature       | 8.4  | 20+ | B2  | Section 4 | At risk of removal but aiming to retain |
| G553 | Mixed Broadleaves | 425           | 17     | 7            | <0.5         | 12    | Willows have large cavities, stem failures, snapped out scaffold branches, signs of decline. Veteran characteristics.   | Veteran      | 15.0 | 40+ | A3  | Section 4 | Retained with Protection Measures       |
| T554 | Sycamore          | 350           | 8.5    | 6            | 2.5          | -     | -   | Early Mature | 4.2  | 20+ | B1  | Section 4 | Retained with Protection Measures       |
| T555 | Ash               | 900           | 18     | 16           | 3            | -     | Coppice origin. 4 stems from base.  | Mature       | 10.8 | 40+ | A1  | Section 4 | Retained with Protection Measures       |
| T556 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C1  | Section 4 | At risk of removal but aiming to retain |
| G557 | Mixed Broadleaves | 525           | 15     | 10           | 3            | 5     | -   | Early Mature | 6.3  | 20+ | B2  | Section 4 | Retained with Protection Measures       |
| T558 | Ash               | 750           | 16     | 15           | 3.5          | -     | 3 stems, 300, 450, 500mm from base  | Early Mature | 9    | 20+ | B1  | Section 4 | Retained with Protection Measures       |
| T559 | Native Oak        | 900           | 13     | 13           | 3            | -     | -   | Over Mature  | 10.8 | 40+ | A1  | Section 4 | Retained with Protection Measures       |
| T560 | Poplar            | 1400          | 24     | 23           | 3.5          | -     | -   | Mature       | 16.8 | 40+ | A1  | Section 4 | Retained with Protection Measures       |
| G561 | Sycamore          | 400           | 15     | 9            | 3            | 4     | -   | Early Mature | 4.8  | 20+ | B2  | Section 4 | Retained with Protection Measures       |
| T562 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C1  | Section 4 | Retained with Protection Measures       |
| T563 | Poplar            | 1050          | 20     | 18           | 3.5          | -     | -   | Mature       | 12.6 | 20+ | B1  | Section 4 | Retained with Protection Measures       |
| G564 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C2  | Section 4 | At risk of removal but aiming to retain |
| T565 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C1  | Section 4 | Retained with Protection Measures       |

| Ref  | Species           | Stem diameter | Height | Crown Spread | Crown Height | Count | Comments   | Ages Class   | RPA  | ERC | Cat | Section   | Impact                                  |
|------|-------------------|---------------|--------|--------------|--------------|-------|--|--------------|------|-----|-----|-----------|---|
| T566 | Native Oak        | 800           | 13     | 15           | 3            | -     | -  | Mature       | 9.6  | 40+ | A1  | Section 4 | Retained with Protection Measures       |
| G567 | Mixed Broadleaves | 350           | 14     | 8            | <0.5         | 100   | -  | Early Mature | 4.2  | 20+ | B2  | Section 4 | Retained with Protection Measures       |
| T568 | Ash               | 1050          | 15     | 11           | 3            | -     | Hollow stem. Multiple cavities. Inonotus hispidus in crown. Original crown lost, secondary crown establishing. Veteran characteristics.  | Veteran      | 15.8 | 40+ | A3  | Section 4 | Retained with Protection Measures       |
| T569 | Sycamore          | 900           | 15     | 11           | 3            | -     | -  | Over Mature  | 10.8 | 20+ | B1  | Section 4 | At risk of removal but aiming to retain |
| T570 | Sycamore          | 900           | 16     | 12           | 2            | -     | -  | Over Mature  | 10.8 | 20+ | B1  | Section 4 | At risk of removal but aiming to retain |
| T571 | Poplar            | 1100          | 23     | 17           | >4.0         | -     | -  | Mature       | 13.2 | 40+ | A1  | Section 4 | At risk of removal but aiming to retain |
| T572 | Sycamore          | 950           | 18     | 12           | >4.0         | -     | -  | Over Mature  | 11.4 | 20+ | B1  | Section 4 | At risk of removal but aiming to retain |
| G573 | Mixed Broadleaves | 770           | 18     | 13           | 2            | 5     | East to west, 2 x Sycamore, 1 x Ash, 1 x Oak and 1 x early mature Sycamore at west end. 4 x mature trees remnants of historic hedgerow. Extensive basal cavities. Fungal fruiting bodies. Hollow stems, crown decline and crown retrenchment. Veteran characteristics. | Veteran      | 15.0 | 40+ | A3  | Section 4 | Retained with Protection Measures       |
| G574 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C2  | Section 4 | At risk of removal but aiming to retain |
| G575 | Mixed Broadleaves | 550           | 22     | 8            | <0.5         | 80    | Stem set back from road, crowns roughly in line with road edge   | Early Mature | 6.6  | 20+ | B2  | Section 4 | Retained with Protection Measures       |
| G576 | Hawthorn          | 200           | 8      | 5            | <0.5         | 9     | Lapsed hawthorn hedgerow. Viewed from public footpath.   | Mature       | 2.4  | 20+ | B2  | Section 4 | At risk of removal but aiming to retain |
| T577 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 4 | Retained with Protection Measures       |
| G578 | Hawthorn          | 300           | 8      | 5            | <0.5         | 20    | Lapsed hawthorn hedgerow. Viewed from public footpath. Multistemmed. Diameter estimated.   | Mature       | 3.6  | 20+ | B2  | Section 4 | At risk of removal but aiming to retain |
| T579 | Norway Maple      | 550           | 14     | 10           | 2            | -     | -  | Early Mature | 6.6  | 20+ | B1  | Section 4 | Retained with Protection Measures       |
| T580 | Common Alder      | 750           | 12     | 12           | 1.5          | -     | -  | Over Mature  | 9    | 20+ | B1  | Section 4 | Retained with Protection Measures       |
| G581 | Mixed Broadleaves | 425           | 13     | 9            | <0.5         | 4     | Wild Cherry, Birch, Laburnum, and Norway Maple   | Early Mature | 5.1  | 20+ | B2  | Section 4 | Retained with Protection Measures       |
| G582 | Poplar            | 600           | 23     | 14           | >4.0         | 192   | South end of group, previously reduced with re-established crowns  | Mature       | 7.2  | 20+ | B2  | Section 4 | At risk of removal but aiming to retain |
| T583 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 4 | Retained with Protection Measures       |
| T584 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | <10 | U   | Section 4 | Retained with Protection Measures       |
| T585 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | <10 | U   | Section 4 | Retained with Protection Measures       |

| Ref  | Species           | Stem diameter | Height | Crown Spread | Crown Height | Count | Comments        | Ages Class   | RPA | ERC | Cat | Section   | Impact                                  |
|------|-------------------|---------------|--------|--------------|--------------|-------|-----------------|--------------|-----|-----|-----|-----------|---|
| T586 | Remotely surveyed | -             | -      | -            | -            | -     | -               | -            | -   | 10+ | C1  | Section 4 | Retained with Protection Measures       |
| T587 | Remotely surveyed | -             | -      | -            | -            | -     | -               | -            | -   | 10+ | C1  | Section 4 | Retained with Protection Measures       |
| T588 | Remotely surveyed | -             | -      | -            | -            | -     | -               | -            | -   | 10+ | C1  | Section 4 | Retained with Protection Measures       |
| T589 | Remotely surveyed | -             | -      | -            | -            | -     | -               | -            | -   | 10+ | C1  | Section 4 | Retained with Protection Measures       |
| T590 | Common Alder      | 800           | 16     | 12           | 2            | -     | -               | Mature       | 9.6 | 20+ | B1  | Section 4 | At risk of removal but aiming to retain |
| T591 | Remotely surveyed | -             | -      | -            | -            | -     | -               | -            | -   | <10 | U   | Section 4 | At risk of removal but aiming to retain |
| G592 | Remotely surveyed | -             | -      | -            | -            | -     | -               | -            | -   | 10+ | C2  | Section 4 | Retained with Protection Measures       |
| T593 | Common Alder      | 800           | 16     | 12           | 1.5          | -     | -               | Mature       | 9.6 | 20+ | B1  | Section 4 | At risk of removal but aiming to retain |
| T594 | Remotely surveyed | -             | -      | -            | -            | -     | -               | -            | -   | 10+ | C1  | Section 4 | At risk of removal but aiming to retain |
| T595 | Remotely surveyed | -             | -      | -            | -            | -     | -               | -            | -   | 10+ | C1  | Section 4 | Retained with Protection Measures       |
| T596 | Remotely surveyed | -             | -      | -            | -            | -     | -               | -            | -   | 10+ | C1  | Section 4 | Retained with Protection Measures       |
| G597 | Leyland Cypress   | 400           | 15     | 2            | <0.5         | 19    | -               | Semi Mature  | 4.8 | 20+ | B2  | Section 4 | Retained with Protection Measures       |
| G598 | Mixed Broadleaves | 175           | 15     | 2            | <0.5         | 19    | -               | Semi Mature  | 2.1 | 20+ | B2  | Section 4 | Retained with Protection Measures       |
| G599 | Leyland Cypress   | 425           | 18     | 9            | <0.5         | 55    | -               | Mature       | 5.1 | 20+ | B2  | Section 4 | At risk of removal but aiming to retain |
| G600 | Lombardy Poplar   | 375           | 24     | 7            | <0.5         | 75    | -               | Early Mature | 4.5 | 20+ | B2  | Section 4 | At risk of removal but aiming to retain |
| T601 | Lime              | 350           | 7.5    | 7.5          | 3            | -     | -               | Semi Mature  | 4.2 | 20+ | B1  | Section 3 | Retained with Protection Measures       |
| T602 | Sycamore          | 750           | 13     | 13           | 3.5          | -     | 2 stems from 1m | Early Mature | 9   | 20+ | B1  | Section 3 | Retained with Protection Measures       |
| G603 | Remotely surveyed | -             | -      | -            | -            | -     | -               | -            | -   | 10+ | C2  | Section 4 | At risk of removal but aiming to retain |
| G604 | Remotely surveyed | -             | -      | -            | -            | -     | -               | -            | -   | 10+ | C2  | Section 3 | At risk of removal but aiming to retain |
| G605 | Remotely surveyed | -             | -      | -            | -            | -     | -               | -            | -   | 10+ | C2  | Section 3 | Retained with Protection Measures       |
| G606 | Remotely surveyed | -             | -      | -            | -            | -     | -               | -            | -   | 10+ | C2  | Section 4 | At risk of removal but aiming to retain |
| G607 | Sycamore          | 200           | 10     | 6            | 0.5          | 12    | -               | Semi Mature  | 2.4 | 20+ | B2  | Section 3 | Retained with Protection Measures       |
| G608 | Remotely surveyed | -             | -      | -            | -            | -     | -               | -            | -   | 10+ | C2  | Section 4 | At risk of removal but aiming to retain |
| G609 | Poplar            | 500           | 20     | 9            | 2            | 9     | -               | Early Mature | 6   | 20+ | B2  | Section 3 | At risk of removal but aiming to retain |

| Ref  | Species           | Stem diameter | Height | Crown Spread | Crown Height | Count | Comments  | Ages Class   | RPA  | ERC | Cat | Section   | Impact                                  |
|------|-------------------|---------------|--------|--------------|--------------|-------|---|--------------|------|-----|-----|-----------|---|
| T610 | Weeping Willow    | 900           | 18     | 18           | 2            | -     | Storm damaged crown   | Mature       | 10.8 | 20+ | B1  | Section 4 | Retained with Protection Measures       |
| T611 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C1  | Section 3 | At risk of removal but aiming to retain |
| T612 | Ash               | 370           | 11     | 9            | 2.5          | -     | -   | Early Mature | 4.4  | 20+ | B1  | Section 3 | Retained with Protection Measures       |
| T613 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | <10 | U   | Section 3 | Retained with Protection Measures       |
| T614 | Willow            | 750           | 14     | 9            | 3            | -     | -   | Early Mature | 9    | 20+ | B1  | Section 3 | At risk of removal but aiming to retain |
| G615 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C2  | Section 4 | At risk of removal but aiming to retain |
| T616 | Willow            | 470           | 12     | 8            | 3            | -     | -   | Early Mature | 5.6  | 20+ | B1  | Section 3 | At risk of removal but aiming to retain |
| G617 | Willow            | 325           | 13     | 5            | <0.5         | 5     | -   | Early Mature | 3.9  | 20+ | B2  | Section 3 | At risk of removal but aiming to retain |
| G618 | Mixed Broadleaves | 600           | 17     | 12           | <0.5         | 20    | -   | Mature       | 7.2  | 40+ | A2  | Section 4 | Retained with Protection Measures       |
| T619 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C1  | Section 3 | Retained with Protection Measures       |
| T620 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C1  | Section 3 | At risk of removal but aiming to retain |
| T621 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C1  | Section 4 | Retained with Protection Measures       |
| T622 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C1  | Section 3 | At risk of removal but aiming to retain |
| G623 | Willow            | 1025          | 20     | 15           | <0.5         | 4     | Veteran characteristics throughout group                    | Veteran      | 15.4 | 40+ | A3  | Section 3 | Retained with Protection Measures       |
| T624 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C1  | Section 4 | Retained with Protection Measures       |
| G625 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C2  | Section 3 | Retained with Protection Measures       |
| T626 | Native Oak        | 320           | 8      | 8            | 1.5          | -     | -   | Early Mature | 3.8  | 20+ | B1  | Section 3 | Retained with Protection Measures       |
| T627 | Sycamore          | 850           | 13     | 14           | 3.5          | -     | -   | Mature       | 10.2 | 20+ | B1  | Section 4 | Retained with Protection Measures       |
| T628 | Willow            | 1250          | 19     | 23           | 3            | -     | Historic stem failure, stabilised. Veteran characteristics. | Veteran      | 18.8 | 40+ | A3  | Section 3 | Retained with Protection Measures       |
| T629 | Native Oak        | 300           | 6      | 7            | 0.5          | -     | -   | Early Mature | 3.6  | 20+ | B1  | Section 3 | Retained with Protection Measures       |
| G630 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C2  | Section 3 | Retained with Protection Measures       |
| T631 | Willow            | 1400          | 22     | 19           | <0.5         | -     | Historic pollard. Veteran characteristics.                  | Veteran      | 21.0 | 40+ | A3  | Section 3 | Retained with Protection Measures       |
| G632 | Willow            | 625           | 15     | 11           | <0.5         | 5     | Multiple crown fractures                                    | Mature       | 7.5  | 20+ | B2  | Section 3 | Retained with Protection Measures       |
| G633 | Willow            | 800           | 20     | 15           | <0.5         | 6     | -   | Mature       | 9.6  | 40+ | A2  | Section 3 | Retained with Protection Measures       |

| Ref  | Species           | Stem diameter | Height | Crown Spread | Crown Height | Count | Comments       | Ages Class   | RPA  | ERC | Cat | Section   | Impact                                  |
|------|-------------------|---------------|--------|--------------|--------------|-------|----------------|--------------|------|-----|-----|-----------|---|
| T634 | Birch             | 500           | 13     | 12           | 4            | -     | -              | Mature       | 6    | 20+ | B1  | Section 4 | Retained with Protection Measures       |
| T635 | Remotely surveyed | -             | -      | -            | -            | -     | -              | -            | -    | 10+ | C1  | Section 3 | At risk of removal but aiming to retain |
| T636 | Remotely surveyed | -             | -      | -            | -            | -     | -              | -            | -    | 10+ | C1  | Section 3 | At risk of removal but aiming to retain |
| T637 | Remotely surveyed | -             | -      | -            | -            | -     | -              | -            | -    | 10+ | C1  | Section 3 | At risk of removal but aiming to retain |
| T638 | Remotely surveyed | -             | -      | -            | -            | -     | -              | -            | -    | 10+ | C1  | Section 3 | At risk of removal but aiming to retain |
| G639 | Hawthorn          | 125           | 6      | 5            | <0.5         | 200   | Dense Hawthorn | Mature       | 1.5  | 20+ | B2  | Section 3 | Partial removal                         |
| T640 | Remotely surveyed | -             | -      | -            | -            | -     | -              | -            | -    | 10+ | C1  | Section 3 | Retained with Protection Measures       |
| T641 | Remotely surveyed | -             | -      | -            | -            | -     | -              | -            | -    | 10+ | C1  | Section 3 | Retained with Protection Measures       |
| G642 | Remotely surveyed | -             | -      | -            | -            | -     | -              | -            | -    | 10+ | C2  | Section 3 | At risk of removal but aiming to retain |
| T643 | Remotely surveyed | -             | -      | -            | -            | -     | -              | -            | -    | 10+ | C1  | Section 3 | At risk of removal but aiming to retain |
| T644 | Native Oak        | 380           | 6      | 6            | 3            | -     | -              | Early Mature | 4.6  | 20+ | B1  | Section 3 | Retained with Protection Measures       |
| G645 | Remotely surveyed | -             | -      | -            | -            | -     | -              | -            | -    | 10+ | C2  | Section 3 | Removed                                 |
| T646 | Native Oak        | 800           | 15     | 14           | 1.5          | -     | -              | Mature       | 9.6  | 40+ | A1  | Section 3 | Retained with Protection Measures       |
| G647 | Remotely surveyed | -             | -      | -            | -            | -     | -              | -            | -    | 10+ | C2  | Section 3 | Partial removal                         |
| G648 | Remotely surveyed | -             | -      | -            | -            | -     | -              | -            | -    | 10+ | C2  | Section 3 | At risk of removal but aiming to retain |
| T649 | Native Oak        | 350           | 10     | 9            | 3            | -     | -              | Early Mature | 4.2  | 20+ | B1  | Section 3 | At risk of removal but aiming to retain |
| T650 | Native Oak        | 320           | 9      | 7            | 3            | -     | -              | Early Mature | 3.8  | 20+ | B1  | Section 3 | At risk of removal but aiming to retain |
| G651 | Mixed Broadleaves | 700           | 14     | 12           | 3            | 4     | -              | Mature       | 8.4  | 20+ | B2  | Section 3 | At risk of removal but aiming to retain |
| G652 | Remotely surveyed | -             | -      | -            | -            | -     | -              | -            | -    | 10+ | C2  | Section 3 | Partial removal                         |
| G653 | Mixed Broadleaves | 275           | 13     | 8            | <0.5         | 35    | -              | Early Mature | 3.3  | 20+ | B2  | Section 3 | At risk of removal but aiming to retain |
| G654 | Poplar            | 675           | 24     | 14           | <0.5         | 18    | -              | Mature       | 8.1  | 20+ | B2  | Section 3 | Retained with Protection Measures       |
| T655 | Native Oak        | 850           | 14     | 16           | 2.5          | -     | -              | Mature       | 10.2 | 20+ | B1  | Section 3 | Retained with Protection Measures       |
| G657 | Remotely surveyed | -             | -      | -            | -            | -     | -              | -            | -    | 10+ | C2  | Section 3 | At risk of removal but aiming to retain |
| T656 | Native Oak        | 350           | 11     | 8            | 3            | -     | -              | Semi Mature  | 4.2  | 20+ | B1  | Section 3 | At risk of removal but aiming to retain |
| T658 | Native Oak        | 900           | 13     | 15           | 3            | -     | -              | Mature       | 10.8 | 20+ | B1  | Section 3 | Removed                                 |
| T659 | Ash               | 700           | 14     | 14           | 3            | -     | -              | Mature       | 8.4  | 20+ | B1  | Section 3 | At risk of removal but aiming to retain |

| Ref  | Species           | Stem diameter | Height | Crown Spread | Crown Height | Count | Comments                  | Ages Class   | RPA  | ERC | Cat | Section   | Impact                                  |
|------|-------------------|---------------|--------|--------------|--------------|-------|---------------------------|--------------|------|-----|-----|-----------|---|
| T660 | Native Oak        | 1050          | 14     | 16           | 3.5          | -     | -                         | Mature       | 12.6 | 40+ | A1  | Section 3 | Retained with Protection Measures       |
| G661 | Remotely surveyed | -             | -      | -            | -            | -     | -                         | -            | -    | 10+ | C2  | Section 3 | At risk of removal but aiming to retain |
| G662 | Remotely surveyed | -             | -      | -            | -            | -     | -                         | -            | -    | 10+ | C2  | Section 3 | At risk of removal but aiming to retain |
| G663 | Remotely surveyed | -             | -      | -            | -            | -     | -                         | -            | -    | 10+ | C2  | Section 3 | At risk of removal but aiming to retain |
| T664 | Native Oak        | 1100          | 14     | 16           | 2            | -     | -                         | Mature       | 13.2 | 40+ | A1  | Section 3 | At risk of removal but aiming to retain |
| T665 | Ash               | 650           | 12     | 12           | 2.5          | -     | -                         | Mature       | 7.8  | 20+ | B1  | Section 3 | At risk of removal but aiming to retain |
| T666 | Remotely surveyed | -             | -      | -            | -            | -     | -                         | -            | -    | 10+ | C1  | Section 3 | At risk of removal but aiming to retain |
| T667 | Remotely surveyed | -             | -      | -            | -            | -     | -                         | -            | -    | 10+ | C1  | Section 3 | Removed                                 |
| G668 | Native Oak        | 725           | 16     | 14           | 1.5          | 5     | -                         | Mature       | 8.7  | 20+ | B2  | Section 3 | At risk of removal but aiming to retain |
| T669 | Native Oak        | 750           | 14     | 14           | 3            | -     | -                         | Mature       | 9.0  | 20+ | B1  | Section 3 | At risk of removal but aiming to retain |
| T670 | Native Oak        | 650           | 13     | 14           | 2            | -     | -                         | Mature       | 7.8  | 20+ | B1  | Section 3 | At risk of removal but aiming to retain |
| T671 | Remotely surveyed | -             | -      | -            | -            | -     | -                         | -            | -    | <10 | U   | Section 3 | Retained with Protection Measures       |
| T672 | Remotely surveyed | -             | -      | -            | -            | -     | -                         | -            | -    | 10+ | C1  | Section 3 | Retained with Protection Measures       |
| T673 | Remotely surveyed | -             | -      | -            | -            | -     | -                         | -            | -    | <10 | U   | Section 3 | Retained with Protection Measures       |
| T674 | Native Oak        | 500           | 8      | 9            | 1.5          | -     | -                         | Early Mature | 6.0  | 20+ | B1  | Section 3 | At risk of removal but aiming to retain |
| T675 | Remotely surveyed | -             | -      | -            | -            | -     | -                         | -            | -    | 10+ | C1  | Section 3 | At risk of removal but aiming to retain |
| G676 | Remotely surveyed | -             | -      | -            | -            | -     | -                         | -            | -    | 10+ | C2  | Section 3 | At risk of removal but aiming to retain |
| T677 | Native Oak        | 1000          | 14     | 17           | 2.5          | -     | -                         | Mature       | 12.0 | 40+ | A1  | Section 3 | At risk of removal but aiming to retain |
| G678 | Mixed Broadleaves | 425           | 15     | 10           | <0.5         | 9     | Multi-stemmed Ash and Oak | Early Mature | 5.1  | 20+ | B2  | Section 3 | Partial removal                         |
| T679 | Native Oak        | 880           | 13     | 15           | 2.5          | -     | -                         | Mature       | 10.6 | 20+ | B1  | Section 3 | At risk of removal but aiming to retain |
| T680 | Native Oak        | 850           | 15     | 13           | 2            | -     | -                         | Mature       | 10.2 | 20+ | B1  | Section 3 | Retained with Protection Measures       |
| T681 | Remotely surveyed | -             | -      | -            | -            | -     | -                         | -            | -    | 10+ | C1  | Section 3 | Removed                                 |
| T682 | Remotely surveyed | -             | -      | -            | -            | -     | -                         | -            | -    | 10+ | C1  | Section 3 | Removed                                 |
| G683 | Remotely surveyed | -             | -      | -            | -            | -     | -                         | -            | -    | 10+ | C2  | Section 3 | Partial removal                         |
| T684 | Native Oak        | 270           | 9      | 7            | 3            | -     | -                         | Early Mature | 3.2  | 20+ | B1  | Section 3 | At risk of removal but aiming to retain |
| T685 | Ash               | 650           | 14     | 10           | 1.5          | -     | -                         | Mature       | 7.8  | 20+ | B1  | Section 3 | Retained with Protection Measures       |

| Ref  | Species           | Stem diameter | Height | Crown Spread | Crown Height | Count | Comments   | Ages Class   | RPA  | ERC | Cat | Section   | Impact                                  |
|------|-------------------|---------------|--------|--------------|--------------|-------|--|--------------|------|-----|-----|-----------|---|
| T686 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 3 | Removed                                 |
| T687 | Native Oak        | 380           | 8      | 8            | 2            | -     | -  | Early Mature | 4.6  | 20+ | B1  | Section 3 | At risk of removal but aiming to retain |
| T688 | Native Oak        | 850           | 14     | 13           | 3.5          | -     | -  | Mature       | 10.2 | 20+ | B1  | Section 3 | Retained with Protection Measures       |
| G689 | Mixed Broadleaves | 250           | 18     | 6            | <0.5         | 22    | -  | Early Mature | 3.0  | 20+ | B2  | Section 3 | At risk of removal but aiming to retain |
| G690 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C2  | Section 3 | At risk of removal but aiming to retain |
| T691 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 3 | At risk of removal but aiming to retain |
| T692 | Native Oak        | 500           | 9      | 8            | 2            | -     | Multistemmed   | Early Mature | 6.0  | 20+ | B1  | Section 3 | Retained with Protection Measures       |
| T693 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 3 | Retained with Protection Measures       |
| T694 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 3 | Retained with Protection Measures       |
| T695 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 3 | Retained with Protection Measures       |
| T696 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 3 | Retained with Protection Measures       |
| G697 | Common Alder      | 150           | 6      | 4            | <0.5         | 7     | -  | Early Mature | 1.8  | 20+ | B2  | Section 3 | At risk of removal but aiming to retain |
| G698 | Native Oak        | 650           | 14     | 12           | 3            | 7     | -  | Mature       | 7.8  | 20+ | B2  | Section 3 | At risk of removal but aiming to retain |
| T699 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 3 | At risk of removal but aiming to retain |
| G700 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C2  | Section 3 | At risk of removal but aiming to retain |
| G701 | Native Oak        | 825           | 16     | 12           | 1.5          | 5     | -  | Mature       | 9.9  | 20+ | B2  | Section 3 | At risk of removal but aiming to retain |
| T702 | Native Oak        | 800           | 14     | 15           | 3            | -     | -  | Mature       | 9.6  | 20+ | B1  | Section 3 | At risk of removal but aiming to retain |
| T703 | Native Oak        | 850           | 12     | 12           | 2            | -     | -  | Mature       | 10.2 | 20+ | B1  | Section 3 | At risk of removal but aiming to retain |
| G704 | Mixed Broadleaves | 625           | 20     | 14           | <0.5         | 100   | Multi species woodland belt running along either side of sunken brook. | Mature       | 7.5  | 40+ | A2  | Section 3 | Partial removal                         |
| T705 | Native Oak        | 800           | 10     | 10           | 3            | -     | -  | Mature       | 9.6  | 20+ | B1  | Section 3 | Retained with Protection Measures       |
| T706 | Native Oak        | 700           | 10     | 11           | 3            | -     | -  | Mature       | 8.4  | 20+ | B1  | Section 3 | Retained with Protection Measures       |
| G707 | Native Oak        | 675           | 13     | 11           | <0.5         | 8     | Closely spaced group around sunken pond.                               | Mature       | 8.1  | 40+ | A2  | Section 3 | At risk of removal but aiming to retain |
| T709 | Native Oak        | 600           | 10     | 9            | 3            | -     | -  | Mature       | 7.2  | 20+ | B1  | Section 3 | At risk of removal but aiming to retain |
| G708 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C2  | Section 3 | Partial removal                         |
| T710 | Native Oak        | 600           | 11     | 9            | 3            | -     | -  | Mature       | 7.2  | 20+ | B1  | Section 3 | At risk of removal but aiming to retain |

| Ref  | Species           | Stem diameter | Height | Crown Spread | Crown Height | Count | Comments                                      | Ages Class   | RPA  | ERC | Cat | Section   | Impact                                  |
|------|-------------------|---------------|--------|--------------|--------------|-------|---|--------------|------|-----|-----|-----------|---|
| T711 | Native Oak        | 700           | 14     | 12           | 3.5          | -     | -   | Mature       | 8.4  | 20+ | B1  | Section 3 | Retained with Protection Measures       |
| G712 | Mixed Broadleaves | 425           | 13     | 9            | <0.5         | 45    | Multi species wooded copse around sunken pond | Mature       | 5.1  | 40+ | A2  | Section 3 | At risk of removal but aiming to retain |
| T713 | Native Oak        | 600           | 12     | 12           | 3            | -     | -   | Mature       | 7.2  | 20+ | B1  | Section 3 | At risk of removal but aiming to retain |
| G714 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C2  | Section 3 | Retained with Protection Measures       |
| T715 | Native Oak        | 700           | 12     | 11           | 3            | -     | -   | Mature       | 8.4  | 20+ | B1  | Section 3 | At risk of removal but aiming to retain |
| T716 | Native Oak        | 500           | 8      | 9            | 2.5          | -     | -   | Early Mature | 6.0  | 20+ | B1  | Section 3 | Removed                                 |
| T717 | Native Oak        | 800           | 16     | 16           | 3            | -     | -   | Mature       | 9.6  | 40+ | A1  | Section 3 | At risk of removal but aiming to retain |
| T718 | Native Oak        | 700           | 12     | 11           | 2            | -     | -   | Mature       | 8.4  | 20+ | B1  | Section 3 | At risk of removal but aiming to retain |
| T719 | Native Oak        | 850           | 10     | 12           | 3            | -     | 45 degree stem kink west from base            | Mature       | 10.2 | 20+ | B1  | Section 3 | Removed                                 |
| T720 | Native Oak        | 600           | 9      | 10           | 3            | -     | -   | Early Mature | 7.2  | 20+ | B1  | Section 3 | Removed                                 |
| T721 | Native Oak        | 350           | 8      | 8            | 3            | -     | -   | Semi Mature  | 4.2  | 20+ | B1  | Section 3 | Retained with Protection Measures       |
| G730 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C2  | Section 3 | Partial removal                         |
| T722 | Native Oak        | 900           | 15     | 15           | 3            | -     | -   | Mature       | 10.8 | 20+ | B1  | Section 3 | At risk of removal but aiming to retain |
| G723 | Mixed Broadleaves | 500           | 17     | 9            | <0.5         | 20    | -   | Mature       | 6.0  | 20+ | B2  | Section 3 | At risk of removal but aiming to retain |
| G724 | Scots Pine        | 425           | 20     | 8            | >4.0         | 4     | -   | Mature       | 5.1  | 20+ | B2  | Section 3 | At risk of removal but aiming to retain |
| T725 | Native Oak        | 850           | 13     | 15           | 3            | -     | -   | Mature       | 10.2 | 40+ | A1  | Section 3 | At risk of removal but aiming to retain |
| T726 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C1  | Section 3 | At risk of removal but aiming to retain |
| T727 | Native Oak        | 900           | 10     | 13           | 2.5          | -     | -   | Mature       | 10.8 | 20+ | B1  | Section 3 | Retained with Protection Measures       |
| G743 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C2  | Section 3 | At risk of removal but aiming to retain |
| T728 | Native Oak        | 800           | 13     | 13           | 3            | -     | -   | Mature       | 9.6  | 20+ | B1  | Section 3 | Retained with Protection Measures       |
| T729 | Native Oak        | 800           | 9      | 12           | 3            | -     | -   | Mature       | 9.6  | 20+ | B1  | Section 3 | Retained with Protection Measures       |
| T731 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C1  | Section 3 | Retained with Protection Measures       |
| T732 | Native Oak        | 850           | 10     | 11           | 3            | -     | -   | Mature       | 10.2 | 20+ | B1  | Section 3 | Retained with Protection Measures       |
| T733 | Native Oak        | 650           | 13     | 11           | 3            | -     | -   | Mature       | 7.8  | 20+ | B1  | Section 3 | At risk of removal but aiming to retain |
| T734 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C1  | Section 3 | Retained with Protection Measures       |
| T735 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C1  | Section 3 | At risk of removal but aiming to retain |



| Ref  | Species           | Stem diameter | Height | Crown Spread | Crown Height | Count | Comments  | Ages Class   | RPA  | ERC | Cat | Section   | Impact                                  |
|------|-------------------|---------------|--------|--------------|--------------|-------|---|--------------|------|-----|-----|-----------|---|
| T736 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C1  | Section 3 | At risk of removal but aiming to retain |
| T737 | Native Oak        | 850           | 14     | 16           | 2            | -     | Historic stem cavity from 3m north. Storm damaged crown.            | Mature       | 10.2 | 20+ | B1  | Section 3 | Retained with Protection Measures       |
| T738 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C1  | Section 3 | At risk of removal but aiming to retain |
| T739 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C1  | Section 3 | At risk of removal but aiming to retain |
| T740 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C1  | Section 3 | At risk of removal but aiming to retain |
| T741 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C1  | Section 3 | At risk of removal but aiming to retain |
| G742 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C2  | Section 3 | Retained with Protection Measures       |
| T744 | Native Oak        | 850           | 12     | 12           | 3            | -     | Significant storm damage  | Mature       | 10.2 | 20+ | B1  | Section 3 | Retained with Protection Measures       |
| T745 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C1  | Section 3 | Removed                                 |
| T746 | Ash               | 330           | 10     | 6            | 3.5          | -     | -   | Semi Mature  | 4.0  | 20+ | B1  | Section 3 | At risk of removal but aiming to retain |
| T747 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C1  | Section 3 | Removed                                 |
| T748 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C1  | Section 3 | Removed                                 |
| T749 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C1  | Section 3 | Retained with Protection Measures       |
| T750 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C1  | Section 3 | At risk of removal but aiming to retain |
| T751 | Native Oak        | 900           | 18     | 15           | 3            | -     | Majority of northern crown over road, lost to previous storm damage | Mature       | 10.8 | 20+ | B1  | Section 3 | Retained with Protection Measures       |
| T752 | Native Oak        | 400           | 10     | 12           | 3            | -     | -   | Early Mature | 4.8  | 20+ | B1  | Section 3 | Retained with Protection Measures       |
| T753 | Native Oak        | 450           | 9      | 9            | 3            | -     | -   | Early Mature | 5.4  | 20+ | B1  | Section 3 | Retained with Protection Measures       |
| T754 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C1  | Section 3 | Retained with Protection Measures       |
| T755 | Ash               | 400           | 9      | 9            | 2.5          | -     | 2 x stems from base   | Early Mature | 4.8  | 20+ | B1  | Section 3 | At risk of removal but aiming to retain |
| T756 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C1  | Section 3 | At risk of removal but aiming to retain |
| T757 | Native Oak        | 800           | 11     | 14           | 3.5          | -     | -   | Mature       | 9.6  | 20+ | B1  | Section 3 | Retained with Protection Measures       |
| G758 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C2  | Section 3 | Partial removal                         |
| T759 | Native Oak        | 800           | 13     | 14           | 3            | -     | -   | Mature       | 9.6  | 40+ | A1  | Section 3 | Retained with Protection Measures       |
| T760 | Native Oak        | 1100          | 19     | 18           | 3            | -     | Recent storm damage   | Mature       | 13.2 | 40+ | A1  | Section 3 | Retained with Protection Measures       |
| T761 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C1  | Section 3 | Retained with Protection Measures       |
| G762 | Leyland Cypress   | 525           | 19     | 9            | 1.5          | 7     | -   | Mature       | 6.3  | 20+ | B2  | Section 3 | Retained with Protection Measures       |

| Ref  | Species           | Stem diameter | Height | Crown Spread | Crown Height | Count | Comments  | Ages Class   | RPA  | ERC | Cat | Section   | Impact                                  |
|------|-------------------|---------------|--------|--------------|--------------|-------|---|--------------|------|-----|-----|-----------|---|
| G763 | Mixed Broadleaves | 625           | 19     | 11           | 1.5          | 7     | -   | Mature       | 7.5  | 20+ | B2  | Section 3 | At risk of removal but aiming to retain |
| G764 | Native Oak        | 550           | 13     | 13           | 0.5          | 8     | Group is the southern extent of much longer historic Oak and mixed Hawthorn hedgerow. | Mature       | 6.6  | 40+ | A2  | Section 3 | At risk of removal but aiming to retain |
| T765 | Native Oak        | 900           | 12     | 15           | 2.5          | -     | Stem lean south into field. Crown removed north due to electrical cable pruning.      | Mature       | 10.8 | 20+ | B1  | Section 3 | At risk of removal but aiming to retain |
| T766 | Native Oak        | 850           | 17     | 16           | 0.5          | -     | -   | Mature       | 10.2 | 40+ | A1  | Section 3 | Retained with Protection Measures       |
| G767 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C2  | Section 3 | At risk of removal but aiming to retain |
| T768 | Native Oak        | 900           | 12     | 10           | 2.5          | -     | -   | Over Mature  | 10.8 | 40+ | A1  | Section 3 | At risk of removal but aiming to retain |
| T769 | Ash               | 350           | 10     | 9            | 3.5          | -     | -   | Early Mature | 4.2  | 20+ | B1  | Section 3 | Retained with Protection Measures       |
| T770 | Native Oak        | 700           | 12     | 14           | 3            | -     | -   | Mature       | 8.4  | 20+ | B1  | Section 3 | At risk of removal but aiming to retain |
| T771 | Native Oak        | 990           | 18     | 17           | 3.5          | -     | -   | Mature       | 11.9 | 40+ | A1  | Section 3 | At risk of removal but aiming to retain |
| T772 | Native Oak        | 800           | 15     | 13           | 3            | -     | -   | Mature       | 9.6  | 20+ | B1  | Section 3 | At risk of removal but aiming to retain |
| T773 | Native Oak        | 750           | 16     | 14           | 3            | -     | -   | Mature       | 9.0  | 20+ | B1  | Section 3 | Retained with Protection Measures       |
| G774 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C2  | Section 3 | At risk of removal but aiming to retain |
| T775 | Native Oak        | 700           | 10     | 13           | 3            | -     | -   | Mature       | 8.4  | 40+ | A1  | Section 3 | Removed                                 |
| T776 | Native Oak        | 650           | 11     | 16           | 2.5          | -     | -   | Mature       | 7.8  | 40+ | A1  | Section 3 | At risk of removal but aiming to retain |
| T777 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C1  | Section 3 | At risk of removal but aiming to retain |
| T778 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C1  | Section 3 | At risk of removal but aiming to retain |
| T779 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C1  | Section 3 | At risk of removal but aiming to retain |
| T780 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C1  | Section 3 | At risk of removal but aiming to retain |
| T781 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C1  | Section 3 | At risk of removal but aiming to retain |
| T782 | Native Oak        | 540           | 12     | 14           | 2            | -     | -   | Early Mature | 6.5  | 40+ | A1  | Section 3 | At risk of removal but aiming to retain |
| T783 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C1  | Section 3 | At risk of removal but aiming to retain |
| T784 | Native Oak        | 790           | 18     | 19           | 2.5          | -     | -   | Mature       | 9.5  | 40+ | A1  | Section 3 | At risk of removal but aiming to retain |
| T785 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C1  | Section 3 | At risk of removal but aiming to retain |
| T786 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C1  | Section 3 | At risk of removal but aiming to retain |

| Ref  | Species           | Stem diameter | Height | Crown Spread | Crown Height | Count | Comments  | Ages Class   | RPA  | ERC | Cat | Section   | Impact                                  |
|------|-------------------|---------------|--------|--------------|--------------|-------|---|--------------|------|-----|-----|-----------|---|
| T787 | Common Alder      | 750           | 14     | 14           | 1.5          | -     | 5 x stems from 0.5m. Diameter estimated. Veteran characteristics.   | Veteran      | 15.0 | 40+ | A3  | Section 3 | Retained with Protection Measures       |
| G788 | Common Alder      | 250           | 11     | 6            | 1            | 10    | -   | Early Mature | 3.0  | 20+ | B2  | Section 3 | At risk of removal but aiming to retain |
| T789 | Horse Chestnut    | 460           | 9      | 7            | 1            | -     | -   | Early Mature | 5.5  | 20+ | B1  | Section 3 | At risk of removal but aiming to retain |
| T790 | Native Oak        | 880           | 19     | 16           | 2.5          | -     | Extensive basal hollowing.  | Mature       | 10.6 | 20+ | B1  | Section 3 | At risk of removal but aiming to retain |
| G791 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C2  | Section 3 | Partial removal                         |
| T792 | Plum              | 500           | 9      | 6            | 2            | -     | -   | Over Mature  | 6.0  | 20+ | B1  | Section 3 | Retained with Protection Measures       |
| T793 | Beech             | 460           | 12     | 10           | 3            | -     | -   | Early Mature | 5.5  | 20+ | B1  | Section 3 | At risk of removal but aiming to retain |
| T794 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C1  | Section 3 | At risk of removal but aiming to retain |
| T795 | Native Oak        | 950           | 12     | 16           | 3            | -     | -   | Mature       | 11.4 | 20+ | B1  | Section 3 | At risk of removal but aiming to retain |
| T796 | Beech             | 600           | 15     | 14           | 3            | -     | -   | Early Mature | 7.2  | 40+ | A1  | Section 3 | Retained with Protection Measures       |
| G797 | Mixed Broadleaves | 300           | 13     | 6            | <0.5         | 35    | -   | Semi Mature  | 3.6  | 20+ | B2  | Section 3 | At risk of removal but aiming to retain |
| T798 | Beech             | 550           | 15     | 14           | 3            | -     | -   | Early Mature | 6.6  | 40+ | A1  | Section 3 | Retained with Protection Measures       |
| T799 | Ash               | 1000          | 20     | 16           | 3            | -     | Locally notable tree with some veteran characteristics. Socket cavities, Inonotus hispidus in crown.  | Over Mature  | 12.0 | 40+ | A1  | Section 3 | At risk of removal but aiming to retain |
| T800 | Native Oak        | 1050          | 7      | 9            | 2.5          | -     | -   | Over Mature  | 12.6 | 40+ | A1  | Section 3 | At risk of removal but aiming to retain |
| T801 | Remotely surveyed | -             | -      | -            | -            | -     | Complete stem shear at 4m, 3 tertiary branches remain   | -            | -    | <10 | U   | Section 3 | At risk of removal but aiming to retain |
| T802 | Native Oak        | 900           | 15     | 15           | 2.5          | -     | -   | Mature       | 10.8 | 40+ | A1  | Section 3 | At risk of removal but aiming to retain |
| T803 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C1  | Section 3 | Retained with Protection Measures       |
| T804 | Native Oak        | 1000          | 16     | 20           | 3            | -     | -   | Mature       | 12.0 | 40+ | A1  | Section 3 | At risk of removal but aiming to retain |
| T805 | Remotely surveyed | -             | -      | -            | -            | -     | Significant basal decay to south base with senescent Ganoderma spp brackets present. Worn surface roots to south base have stress fractures. Approx 1m dry ditch to north base. | -            | -    | <10 | U   | Section 3 | Retained with Protection Measures       |
| T806 | Native Oak        | 800           | 12     | 14           | 3            | -     | -   | Mature       | 9.6  | 20+ | B1  | Section 3 | Retained with Protection Measures       |
| T807 | Native Oak        | 1000          | 19     | 20           | 4            | -     | -   | Mature       | 12.0 | 40+ | A1  | Section 3 | Retained with Protection Measures       |

| Ref  | Species           | Stem diameter | Height | Crown Spread | Crown Height | Count | Comments  | Ages Class   | RPA  | ERC | Cat | Section   | Impact                                  |
|------|-------------------|---------------|--------|--------------|--------------|-------|---|--------------|------|-----|-----|-----------|---|
| G808 | Mixed Broadleaves | 250           | 14     | 7            | <0.5         | 25    | -   | Early Mature | 3.0  | 20+ | B2  | Section 3 | Retained with Protection Measures       |
| G809 | Mixed Broadleaves | 225           | 14     | 6            | <0.5         | 15    | -   | Semi Mature  | 2.7  | 20+ | B2  | Section 3 | Retained with Protection Measures       |
| T810 | Hawthorn          | 400           | 6      | 5            | 2            | -     | -   | Mature       | 4.8  | 20+ | B1  | Section 3 | Retained with Protection Measures       |
| T811 | Native Oak        | 900           | 11     | 11           | 2.5          | -     | Historic basal decay with stem hollowing. Bifurcated at 1.5m. East stem reduced to 3m hollow leader. Exposed wound runs up east side of west stem. Veteran characteristics. | Veteran      | 15.0 | 40+ | A3  | Section 3 | Retained with Protection Measures       |
| T812 | Native Oak        | 750           | 11     | 13           | 2            | -     | -   | Mature       | 9.0  | 40+ | A1  | Section 3 | Retained with Protection Measures       |
| T813 | Native Oak        | 750           | 8      | 10           | 3            | -     | -   | Mature       | 9.0  | 20+ | B1  | Section 3 | At risk of removal but aiming to retain |
| T814 | Native Oak        | 850           | 15     | 16           | 3            | -     | -   | Mature       | 10.2 | 40+ | A1  | Section 3 | At risk of removal but aiming to retain |
| T815 | Native Oak        | 700           | 12     | 10           | 2            | -     | Minor epicormics in crown cavity on basal minor deadwood  | Mature       | 8.4  | 20+ | B1  | Section 3 | Retained with Protection Measures       |
| G819 | Native Oak        | -             | -      | -            | -            | -     | Mature Oak minor epicormics in crown cavity on basal minor deadwood   | -            | -    | 10+ | C2  | Section 3 | Retained with Protection Measures       |
| G816 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C2  | Section 3 | Retained with Protection Measures       |
| T817 | Native Oak        | 1150          | 13     | 16           | 1            | -     | -   | Over Mature  | 13.8 | 40+ | A1  | Section 3 | Retained with Protection Measures       |
| T818 | Native Oak        | 1200          | 15     | 16           | 3.5          | -     | Moderate ivy throughout crown, minor branch fracture wounds throughout crown  | Over Mature  | 14.4 | 40+ | A1  | Section 3 | Retained with Protection Measures       |
| T820 | Native Oak        | 500           | 10     | 9            | 2.5          | -     | Crown bias to South group pressure  | Semi Mature  | 6.0  | 20+ | B1  | Section 3 | Retained with Protection Measures       |
| T821 | Native Oak        | 1180          | 12     | 12           | 3            | -     | Large partially fractured limb rest on ground, multiple open cavities and branch fracture wounds throughout crown, significant deadwood.                                    | Veteran      | 17.7 | 20+ | A3  | Section 3 | Retained with Protection Measures       |
| T822 | Native Oak        | 550           | 12     | 10           | 2.5          | -     | -   | Semi Mature  | 6.6  | 40+ | A1  | Section 3 | At risk of removal but aiming to retain |
| T823 | Native Oak        | 520           | 10     | 10           | 1.5          | -     | -   | Semi Mature  | 6.2  | 40+ | A1  | Section 3 | At risk of removal but aiming to retain |
| G829 | Native Oak        | -             | -      | -            | -            | -     | Semi-mature Oak, no significant defects   | -            | -    | 10+ | C2  | Section 3 | Partial removal                         |
| T824 | Native Oak        | 880           | 10     | 9            | 1            | -     | Ddense ivy from base and throughout crown, minor basal decay  | Mature       | 10.6 | 20+ | B1  | Section 3 | At risk of removal but aiming to retain |
| T825 | Native Oak        | 510           | 11     | 9            | 2            | -     | Crown bias to North, group pressure   | Semi Mature  | 6.1  | 20+ | B1  | Section 3 | Removed                                 |
| T826 | Native Oak        | 670           | 12     | 9            | 2            | -     | Crown slightly bias to North group pressure   | Mature       | 8.0  | 20+ | B1  | Section 3 | Removed                                 |
| T827 | Native Oak        | 650           | 11     | 5            | 4            | -     | Completely dead, multiple cavities, cracks and branch fracture wounds throughout crown, and fungal fruiting bodies on basal, Ganoderma spp.                                 | Veteran      | 15.0 | 20+ | A3  | Section 3 | Retained with Protection Measures       |
| G828 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C2  | Section 3 | Retained with Protection Measures       |

| Ref  | Species           | Stem diameter | Height | Crown Spread | Crown Height | Count | Comments  | Ages Class | RPA  | ERC | Cat | Section   | Impact                                  |
|------|-------------------|---------------|--------|--------------|--------------|-------|---|------------|------|-----|-----|-----------|---|
| T830 | Native Oak        | 840           | 12     | 12           | 2            | -     | -   | Mature     | 10.1 | 40+ | A1  | Section 3 | At risk of removal but aiming to retain |
| T831 | Poplar            | 1500          | 10     | 6            | 3.5          | -     | 7m tall hollow stem with a small amount growth from top of stem, main stem has recently failed at 7m, dense undergrowth obstructed access to lower main stem and basal. | Veteran    | 22.5 | 20+ | A3  | Section 3 | Retained with Protection Measures       |
| T832 | Native Oak        | 1100          | 13     | 9            | 4            | -     | Tree is completely dead, multiple branch fracture wounds throughout crown, dense undergrowth obstructed access to lower main stem and basal.                            | Veteran    | 16.5 | 20+ | A3  | Section 3 | Retained with Protection Measures       |
| T833 | Native Oak        | 480           | 12     | 11           | 2            | -     | Growing in hedgerow   | Mature     | 5.8  | 40+ | A1  | Section 3 | At risk of removal but aiming to retain |
| G834 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -          | -    | 10+ | C2  | Section 3 | At risk of removal but aiming to retain |
| G835 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -          | -    | 10+ | C2  | Section 3 | At risk of removal but aiming to retain |
| G836 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -          | -    | 10+ | C2  | Section 3 | Partial removal                         |
| T837 | Native Oak        | 1030          | 6      | 15           | 2            | -     | Open cavity on East side of basal, good buttressing, minor basal decay North side of basal  | Mature     | 12.4 | 20+ | B1  | Section 3 | At risk of removal but aiming to retain |
| T838 | Native Oak        | 820           | 15     | 14           | 1.5          | -     | Large partially occluded cavity East side of main stem 1m from ground level, 100cm x 15cm   | Mature     | 9.8  | 20+ | B1  | Section 3 | At risk of removal but aiming to retain |
| T839 | Native Oak        | 810           | 16     | 11           | 2            | -     | Crown bias to South, group pressure, crown previously lifted  | Mature     | 9.7  | 20+ | B1  | Section 3 | At risk of removal but aiming to retain |
| T840 | Native Oak        | 800           | 18     | 14           | 2            | -     | Crown bias to North   | Mature     | 9.6  | 20+ | B1  | Section 3 | At risk of removal but aiming to retain |
| T841 | Native Oak        | 1000          | 14     | 14           | 2            | -     | Multiple branch fracture wounds and large cavities.   | Veteran    | 15.0 | 20+ | A3  | Section 3 | Retained with Protection Measures       |
| T842 | Native Oak        | 1100          | 16     | 19           | 2            | -     | -   | Mature     | 13.2 | 40+ | A1  | Section 3 | At risk of removal but aiming to retain |
| T843 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -          | -    | 10+ | C1  | Section 3 | At risk of removal but aiming to retain |
| T844 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -          | -    | 10+ | C1  | Section 3 | At risk of removal but aiming to retain |
| T845 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -          | -    | 10+ | C1  | Section 3 | At risk of removal but aiming to retain |
| T846 | Native Oak        | 1110          | 15     | 19           | 2.5          | -     | Some minor defects, deadwood, small cavity  | Mature     | 13.3 | 40+ | A1  | Section 3 | At risk of removal but aiming to retain |
| T847 | Native Oak        | 1050          | 14     | 12           | 2            | -     | Central leader has failed   | Mature     | 12.6 | 20+ | B1  | Section 3 | At risk of removal but aiming to retain |
| T848 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -          | -    | 10+ | C1  | Section 3 | At risk of removal but aiming to retain |
| T849 | Native Oak        | 750           | 9      | 8            | 1.5          | -     | Multiple branch fracture wound and large cavities   | Veteran    | 15.0 | 20+ | A3  | Section 3 | Retained with Protection Measures       |

| Ref  | Species           | Stem diameter | Height | Crown Spread | Crown Height | Count | Comments   | Ages Class  | RPA  | ERC | Cat | Section   | Impact                                  |
|------|-------------------|---------------|--------|--------------|--------------|-------|--|-------------|------|-----|-----|-----------|---|
| T850 | Native Oak        | 1110          | 16     | 20           | 2            | -     | Multiple branch fracture wound and large cavities  | Veteran     | 16.7 | 20+ | A3  | Section 3 | Retained with Protection Measures       |
| T851 | Willow            | 700           | 15     | 18           | 1            | -     | Bifurcates at base. Eastern stem has failed into paddock.  | Over Mature | 8.4  | 20+ | B1  | Section 3 | At risk of removal but aiming to retain |
| T852 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -           | -    | 10+ | C1  | Section 3 | At risk of removal but aiming to retain |
| T853 | Willow            | 650           | 15     | 17           | 1            | -     | Bifurcates at base. Eastern stem has failed into paddock.  | Over Mature | 7.8  | 20+ | B1  | Section 3 | At risk of removal but aiming to retain |
| T854 | Native Oak        | 850           | 14     | 12           | 2            | -     | Early veteran. Deadwood, hollows, early secondary crown development.   | Mature      | 10.2 | 40+ | A1  | Section 3 | At risk of removal but aiming to retain |
| G855 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -           | -    | 10+ | C2  | Section 3 | At risk of removal but aiming to retain |
| T856 | Native Oak        | 750           | 15     | 13           | 3.5          | -     | -  | Mature      | 9.0  | 20+ | B1  | Section 3 | Retained with Protection Measures       |
| T857 | Willow            | 1200          | 13     | 23           | 0.5          | -     | Main stem has failed and re-rooted at ground contact points with large amounts of new growth from failed stem. Diameter was estimated due to condition of main stem. Excellent wildlife habitat. | Veteran     | 18.0 | 20+ | A3  | Section 3 | Retained with Protection Measures       |
| T858 | Willow            | 1400          | 13     | 15           | 0.5          | -     | Main stem has failed and re-rooted at ground contact points with large amounts of new growth from failed stem. Diameter was estimated due to condition of main stem. Excellent wildlife habitat. | Veteran     | 21.0 | 20+ | A3  | Section 3 | Retained with Protection Measures       |
| T859 | Willow            | 860           | 13     | 13           | 0.5          | -     | -  | Mature      | 10.3 | 40+ | A1  | Section 3 | Retained with Protection Measures       |
| G860 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -           | -    | 10+ | C2  | Section 3 | Partial removal                         |
| G861 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -           | -    | 10+ | C2  | Section 3 | At risk of removal but aiming to retain |
| T862 | Ash               | 350           | 11     | 8            | 1.5          | -     | Dense ivy from base and throughout crown, tree is growing out of hedgerow access to lower main stem was not possible   | Semi Mature | 4.2  | 20+ | B1  | Section 3 | Retained with Protection Measures       |
| T863 | Sycamore          | 400           | 8      | 8            | 2            | -     | Dense ivy from base and throughout crown, tree is growing out of hedgerow access to lower main stem was not possible   | Semi Mature | 4.8  | 20+ | B1  | Section 3 | Retained with Protection Measures       |
| G864 | Mixed Broadleaves | 200           | 12     | 5            | 0.5          | 250   | -  | Semi Mature | 2.4  | 20+ | B2  | Section 2 | Retained with Protection Measures       |
| T865 | Sycamore          | 400           | 11     | 8            | 2            | -     | Multi-stemmed from base, growing out of hedgerow, access to lower main stems was not possible  | Semi Mature | 4.8  | 20+ | B1  | Section 3 | Retained with Protection Measures       |
| T866 | Sycamore          | 650           | 10     | 9            | 3.5          | -     | Dense ivy from base and throughout crown   | Mature      | 7.8  | 20+ | B1  | Section 3 | Retained with Protection Measures       |
| G867 | Sycamore          | -             | -      | -            | -            | -     | Mature Sycamore dense ivy from base and throughout crown   | -           | -    | 10+ | C2  | Section 3 | Retained with Protection Measures       |
| G868 | Mixed Broadleaves | 625           | 19     | 12           | <0.5         | 6     | Self set Ash and Sycamore growing to top edge of old stone quarry  | Mature      | 7.5  | 20+ | B2  | Section 2 | At risk of removal but aiming to retain |
| G869 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -           | -    | 10+ | C2  | Section 2 | At risk of removal but aiming to retain |

| Ref  | Species           | Stem diameter | Height | Crown Spread | Crown Height | Count | Comments   | Ages Class   | RPA  | ERC | Cat | Section   | Impact                                  |
|------|-------------------|---------------|--------|--------------|--------------|-------|--|--------------|------|-----|-----|-----------|---|
| T870 | Native Oak        | 1000          | 17     | 17           | 3            | -     | -  | Mature       | 12.0 | 40+ | A1  | Section 2 | At risk of removal but aiming to retain |
| G871 | Remotely surveyed | -             | -      | -            | -            | -     | Historic basal cavity and hollow stem  | -            | -    | 10+ | C2  | Section 2 | Partial removal                         |
| T872 | Native Oak        | 900           | 15     | 14           | 3            | -     | 3m stem wound with hollow stem from 3 to 5m  | Mature       | 10.8 | 20+ | B1  | Section 2 | At risk of removal but aiming to retain |
| T873 | Ash               | 850           | 14     | 9            | 3            | -     | Historic basal cavity and hollow stem  | Mature       | 10.2 | 20+ | B1  | Section 2 | Removed                                 |
| T874 | Native Oak        | 900           | 12     | 14           | 3            | -     | Lost leader to storm damage  | Mature       | 10.8 | 20+ | B1  | Section 2 | At risk of removal but aiming to retain |
| T875 | Native Oak        | 550           | 10     | 11           | 3            | -     | -  | Early Mature | 6.6  | 20+ | B1  | Section 2 | Removed                                 |
| T876 | Native Oak        | 650           | 12     | 10           | 3            | -     | -  | Early Mature | 7.8  | 20+ | B1  | Section 2 | Removed                                 |
| T877 | Ash               | 970           | 18     | 14           | 3            | -     | Historic hedgerow Ash. Basal stem decay and hollowing. Branch loss cavities. Inonotus hispidus in crown crown decline / retrenching. | Veteran      | 14.6 | 40+ | A3  | Section 2 | Retained with Protection Measures       |
| T878 | Native Oak        | 500           | 10     | 9            | 3            | -     | -  | Early Mature | 6.0  | 20+ | B1  | Section 2 | Removed                                 |
| T879 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 2 | Removed                                 |
| T880 | Native Oak        | 900           | 14     | 14           | 3            | -     | -  | Mature       | 10.8 | 40+ | A1  | Section 2 | Removed                                 |
| T881 | Ash               | 700           | 13     | 11           | 3            | -     | -  | Mature       | 8.4  | 20+ | B1  | Section 2 | At risk of removal but aiming to retain |
| T882 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 2 | At risk of removal but aiming to retain |
| T883 | Native Oak        | 900           | 14     | 14           | 3            | -     | -  | Mature       | 10.8 | 40+ | A1  | Section 2 | At risk of removal but aiming to retain |
| G884 | Mixed Broadleaves | 450           | 15     | 9            | <0.5         | 30    | -  | Mature       | 5.4  | 40+ | A2  | Section 2 | At risk of removal but aiming to retain |
| T885 | Native Oak        | 900           | 14     | 14           | 3            | -     | De-barked basal region. Crown decline / retrenching.   | Mature       | 10.8 | 20+ | B1  | Section 2 | Retained with Protection Measures       |
| T886 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 2 | At risk of removal but aiming to retain |
| T887 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 2 | At risk of removal but aiming to retain |
| T888 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 2 | Retained with Protection Measures       |
| T889 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | <10 | U   | Section 2 | Retained with Protection Measures       |
| T890 | Native Oak        | 1000          | 18     | 20           | 2.5          | -     | -  | Mature       | 12.0 | 40+ | A1  | Section 2 | Retained with Protection Measures       |
| T891 | Ash               | 850           | 14     | 17           | 2            | -     | -  | Mature       | 10.2 | 40+ | A1  | Section 2 | At risk of removal but aiming to retain |
| G892 | Mixed Broadleaves | 550           | 22     | 12           | <0.5         | 75    | -  | Mature       | 6.6  | 40+ | A2  | Section 2 | Retained with Protection Measures       |
| T893 | Ash               | 750           | 13     | 14           | 2.5          | -     | -  | Mature       | 9.0  | 40+ | A1  | Section 2 | At risk of removal but aiming to retain |
| T894 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 2 | At risk of removal but aiming to retain |
| T895 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 2 | Removed                                 |

| Ref  | Species           | Stem diameter | Height | Crown Spread | Crown Height | Count | Comments                           | Ages Class  | RPA  | ERC | Cat | Section   | Impact                                  |
|------|-------------------|---------------|--------|--------------|--------------|-------|------------------------------------|-------------|------|-----|-----|-----------|---|
| T896 | Native Oak        | 1050          | 16     | 17           | 3            | -     | Crown decline                      | Mature      | 12.6 | 20+ | B1  | Section 2 | Removed                                 |
| T897 | Remotely surveyed | -             | -      | -            | -            | -     | -                                  | -           | -    | 10+ | C1  | Section 2 | Removed                                 |
| T898 | Ash               | 950           | 18     | 14           | 3            | -     | -                                  | Mature      | 11.4 | 20+ | B1  | Section 2 | At risk of removal but aiming to retain |
| T899 | Native Oak        | 900           | 16     | 15           | 3            | -     | -                                  | Mature      | 10.8 | 20+ | B1  | Section 2 | Retained with Protection Measures       |
| G900 | Remotely surveyed | -             | -      | -            | -            | -     | -                                  | -           | -    | 10+ | C2  | Section 2 | At risk of removal but aiming to retain |
| T901 | Native Oak        | 950           | 17     | 16           | 2.5          | -     | -                                  | Mature      | 11.4 | 40+ | A1  | Section 2 | Retained with Protection Measures       |
| T902 | Remotely surveyed | -             | -      | -            | -            | -     | -                                  | -           | -    | 10+ | C1  | Section 2 | At risk of removal but aiming to retain |
| T903 | Ash               | 950           | 19     | 13           | 2.5          | -     | Veteran characteristics developing | Over Mature | 11.4 | 40+ | A1  | Section 2 | At risk of removal but aiming to retain |
| T904 | Native Oak        | 1100          | 14     | 13           | 3            | -     | -                                  | Mature      | 13.2 | 40+ | A1  | Section 2 | Removed                                 |
| T905 | Ash               | 950           | 15     | 13           | 2.5          | -     | -                                  | Over Mature | 11.4 | 20+ | B1  | Section 2 | At risk of removal but aiming to retain |
| G906 | Native Oak        | 725           | 18     | 14           | 2            | 6     | -                                  | Mature      | 8.7  | 40+ | A2  | Section 2 | Partial removal                         |
| G907 | Ash               | 675           | 18     | 9            | 2            | 6     | -                                  | Mature      | 8.1  | 40+ | A2  | Section 2 | Partial removal                         |
| G908 | Mixed Broadleaves | 925           | 18     | 14           | 3            | 10    | -                                  | Mature      | 11.1 | 40+ | A2  | Section 2 | Partial removal                         |
| T909 | Native Oak        | 650           | 7      | 7            | 2            | -     | -                                  | Mature      | 7.8  | 20+ | B1  | Section 2 | Retained with Protection Measures       |
| T910 | Remotely surveyed | -             | -      | -            | -            | -     | Significant stem decay             | -           | -    | 10+ | C1  | Section 2 | At risk of removal but aiming to retain |
| T911 | Remotely surveyed | -             | -      | -            | -            | -     | -                                  | -           | -    | 10+ | C1  | Section 2 | Removed                                 |
| T912 | Remotely surveyed | -             | -      | -            | -            | -     | -                                  | -           | -    | 10+ | C1  | Section 2 | Removed                                 |
| T913 | Remotely surveyed | -             | -      | -            | -            | -     | -                                  | -           | -    | 10+ | C1  | Section 2 | Removed                                 |
| T914 | Native Oak        | 950           | 16     | 14           | 3            | -     | -                                  | Mature      | 11.4 | 40+ | A1  | Section 2 | At risk of removal but aiming to retain |
| T915 | Remotely surveyed | -             | -      | -            | -            | -     | -                                  | -           | -    | 10+ | C1  | Section 2 | Removed                                 |
| T916 | Remotely surveyed | -             | -      | -            | -            | -     | -                                  | -           | -    | 10+ | C1  | Section 2 | At risk of removal but aiming to retain |
| T917 | Remotely surveyed | -             | -      | -            | -            | -     | -                                  | -           | -    | 10+ | C1  | Section 2 | At risk of removal but aiming to retain |
| G918 | Native Oak        | 925           | 15     | 12           | 3            | 5     | -                                  | Over Mature | 11.1 | 20+ | B2  | Section 2 | Retained with Protection Measures       |
| T919 | Remotely surveyed | -             | -      | -            | -            | -     | -                                  | -           | -    | 10+ | C1  | Section 2 | At risk of removal but aiming to retain |
| G920 | Native Oak        | 675           | 14     | 12           | 3.5          | 4     | -                                  | Mature      | 8.1  | 20+ | B2  | Section 2 | Partial removal                         |
| G921 | Ash               | 850           | 14     | 14           | 3.5          | 2     | -                                  | Over Mature | 10.2 | 20+ | B2  | Section 2 | Partial removal                         |
| G922 | Native Oak        | 850           | 14     | 9            | 3.5          | 4     | -                                  | Mature      | 10.2 | 20+ | B2  | Section 2 | At risk of removal but aiming to retain |
| G923 | Native Oak        | 825           | 14     | 12           | 3.5          | 4     | -                                  | Mature      | 9.9  | 40+ | A2  | Section 2 | At risk of removal but aiming to retain |



| Ref  | Species           | Stem diameter | Height | Crown Spread | Crown Height | Count | Comments   | Ages Class   | RPA  | ERC | Cat | Section   | Impact                                  |
|------|-------------------|---------------|--------|--------------|--------------|-------|--|--------------|------|-----|-----|-----------|---|
| T924 | Native Oak        | 1470          | 20     | 19           | >4.0         | -     | Significant ground compaction from field entrance and road. Historic basal damage. Bifurcates at 4m. Excessive crown lifting. Crown decline. | Over Mature  | 17.6 | 40+ | A1  | Section 2 | Retained with Protection Measures       |
| T925 | Native Oak        | 1200          | 10     | 14           | 3            | -     | Basal cavities with animal excavations. Burred stem. Significant retrenchment. Veteran characteristics.                                      | Veteran      | 18.0 | 40+ | A3  | Section 2 | Retained with Protection Measures       |
| T926 | Native Oak        | 1100          | 14     | 20           | 3.5          | -     | -  | Mature       | 13.2 | 40+ | A1  | Section 2 | At risk of removal but aiming to retain |
| G927 | Remotely surveyed | -             | -      | -            | -            | -     | Coppice origin, historic hedgerow  | -            | -    | 10+ | C2  | Section 2 | At risk of removal but aiming to retain |
| T928 | Ash               | 800           | 19     | 19           | >4.0         | -     | Coppice origin, historic hedgerow  | Mature       | 9.6  | 20+ | B1  | Section 2 | At risk of removal but aiming to retain |
| T929 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 2 | At risk of removal but aiming to retain |
| T930 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 2 | At risk of removal but aiming to retain |
| G931 | Poplar            | 515           | 23     | 9            | 3.5          | 13    | -  | Early Mature | 6.2  | 20+ | B2  | Section 2 | Partial removal                         |
| T932 | Native Oak        | 650           | 9      | 9            | 3            | -     | -  | Early Mature | 7.8  | 20+ | B1  | Section 2 | At risk of removal but aiming to retain |
| T933 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 2 | At risk of removal but aiming to retain |
| T934 | Native Oak        | 1050          | 20     | 20           | >4.0         | -     | -  | Mature       | 12.6 | 40+ | A1  | Section 2 | At risk of removal but aiming to retain |
| T935 | Native Oak        | 900           | 16     | 15           | 3            | -     | -  | Mature       | 10.8 | 40+ | A1  | Section 2 | Retained with Protection Measures       |
| T936 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 2 | Retained with Protection Measures       |
| T937 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 2 | Retained with Protection Measures       |
| T938 | Sycamore          | 400           | 11     | 9            | 2            | -     | -  | Early Mature | 4.8  | 20+ | B1  | Section 2 | Retained with Protection Measures       |
| T939 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 2 | Removed                                 |
| T940 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 2 | Retained with Protection Measures       |
| T941 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 2 | At risk of removal but aiming to retain |
| T942 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 2 | At risk of removal but aiming to retain |
| T943 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 2 | At risk of removal but aiming to retain |
| T944 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | <10 | U   | Section 2 | At risk of removal but aiming to retain |
| G945 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | <10 | U   | Section 2 | At risk of removal but aiming to retain |
| T946 | Native Oak        | 520           | 14     | 12           | 3.5          | -     | -  | Early Mature | 6.2  | 20+ | B1  | Section 2 | At risk of removal but aiming to retain |

| Ref  | Species           | Stem diameter | Height | Crown Spread | Crown Height | Count | Comments                               | Ages Class   | RPA | ERC | Cat | Section   | Impact                                  |
|------|-------------------|---------------|--------|--------------|--------------|-------|--|--------------|-----|-----|-----|-----------|---|
| T947 | Remotely surveyed | -             | -      | -            | -            | -     | -                                      | -            | -   | <10 | U   | Section 2 | At risk of removal but aiming to retain |
| T948 | Remotely surveyed | -             | -      | -            | -            | -     | -                                      | -            | -   | <10 | U   | Section 2 | Retained with Protection Measures       |
| T949 | Remotely surveyed | -             | -      | -            | -            | -     | -                                      | -            | -   | 10+ | C1  | Section 2 | At risk of removal but aiming to retain |
| G950 | Mixed Broadleaves | 200           | 11     | 7            | 3.5          | 9     | -                                      | Semi Mature  | 2.4 | 20+ | B2  | Section 2 | At risk of removal but aiming to retain |
| T951 | Remotely surveyed | -             | -      | -            | -            | -     | -                                      | -            | -   | <10 | U   | Section 2 | At risk of removal but aiming to retain |
| T952 | Remotely surveyed | -             | -      | -            | -            | -     | -                                      | -            | -   | <10 | U   | Section 2 | At risk of removal but aiming to retain |
| T953 | Sycamore          | 400           | 11     | 9            | 3.5          | -     | -                                      | Semi Mature  | 4.8 | 20+ | B1  | Section 2 | Retained with Protection Measures       |
| G954 | Native Oak        | 600           | 17     | 13           | 3            | 12    | -                                      | Mature       | 7.2 | 40+ | A2  | Section 2 | Partial removal                         |
| T955 | Remotely surveyed | -             | -      | -            | -            | -     | -                                      | -            | -   | <10 | U   | Section 2 | Retained with Protection Measures       |
| G957 | Remotely surveyed | -             | -      | -            | -            | -     | -                                      | -            | -   | 10+ | C2  | Section 2 | Retained with Protection Measures       |
| G956 | Remotely surveyed | -             | -      | -            | -            | -     | -                                      | -            | -   | 10+ | C2  | Section 2 | Retained with Protection Measures       |
| T958 | Remotely surveyed | -             | -      | -            | -            | -     | Collapsed stems with multiple regrowth | -            | -   | 10+ | C1  | Section 2 | Retained with Protection Measures       |
| T959 | Native Oak        | 400           | 8      | 8.5          | 3.5          | -     | -                                      | Semi Mature  | 4.8 | 20+ | B1  | Section 2 | At risk of removal but aiming to retain |
| T960 | Native Oak        | 280           | 8      | 7            | 3.5          | -     | Swept stem                             | Semi Mature  | 3.4 | 20+ | B1  | Section 2 | At risk of removal but aiming to retain |
| T961 | Native Oak        | 320           | 9      | 8            | 3.5          | -     | -                                      | Semi Mature  | 3.8 | 20+ | B1  | Section 2 | At risk of removal but aiming to retain |
| T962 | Native Oak        | 250           | 8      | 7            | 3            | -     | 2 stems from base                      | Semi Mature  | 3.0 | 20+ | B1  | Section 2 | Retained with Protection Measures       |
| T963 | Remotely surveyed | -             | -      | -            | -            | -     | -                                      | -            | -   | 10+ | C1  | Section 2 | Retained with Protection Measures       |
| G964 | Native Oak        | 650           | 15     | 12           | 3            | 6     | -                                      | Mature       | 7.8 | 40+ | A2  | Section 2 | Retained with Protection Measures       |
| G965 | Remotely surveyed | -             | -      | -            | -            | -     | -                                      | -            | -   | 10+ | C2  | Section 2 | At risk of removal but aiming to retain |
| G966 | Native Oak        | 625           | 16     | 12           | 3            | 6     | Moderately dense ivy                   | Mature       | 7.5 | 40+ | A2  | Section 2 | Retained with Protection Measures       |
| T967 | Native Oak        | 500           | 7      | 9            | 2.5          | -     | -                                      | Early Mature | 6.0 | 20+ | B1  | Section 2 | Retained with Protection Measures       |
| T968 | Native Oak        | 550           | 9      | 9            | 3            | -     | -                                      | Early Mature | 6.6 | 20+ | B1  | Section 2 | Retained with Protection Measures       |
| T969 | Remotely surveyed | -             | -      | -            | -            | -     | -                                      | -            | -   | 10+ | C1  | Section 2 | Retained with Protection Measures       |
| T970 | Remotely surveyed | -             | -      | -            | -            | -     | -                                      | -            | -   | 10+ | C1  | Section 2 | Retained with Protection Measures       |

| Ref  | Species           | Stem diameter | Height | Crown Spread | Crown Height | Count | Comments   | Ages Class   | RPA  | ERC | Cat | Section   | Impact                                  |
|------|-------------------|---------------|--------|--------------|--------------|-------|--|--------------|------|-----|-----|-----------|---|
| T971 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 2 | Retained with Protection Measures       |
| T972 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 2 | Retained with Protection Measures       |
| T973 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 2 | Retained with Protection Measures       |
| T974 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 2 | Retained with Protection Measures       |
| T975 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 2 | Retained with Protection Measures       |
| G976 | Native Oak        | 775           | 17     | 14           | 3            | 4     | -  | Mature       | 9.3  | 40+ | A2  | Section 2 | Retained with Protection Measures       |
| T977 | Native Oak        | 1000          | 14     | 12           | 3.5          | -     | -  | Mature       | 12.0 | 40+ | A1  | Section 2 | Retained with Protection Measures       |
| G978 | Mixed Broadleaves | 475           | 18     | 10           | <0.5         | 100   | -  | Mature       | 5.7  | 40+ | A2  | Section 2 | At risk of removal but aiming to retain |
| G979 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C2  | Section 2 | Partial removal                         |
| T980 | Ash               | 1390          | 16     | 17           | 1.5          | -     | Ganoderma spp. brackets to west base. Extensive basal cankers, hollow stem. Original crown lost, secondary crown grown and declining. Basal suckers have Ash Dieback. Veteran characteristics. | Veteran      | 20.9 | 40+ | A3  | Section 2 | Retained with Protection Measures       |
| G981 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C2  | Section 2 | Partial removal                         |
| T982 | Remotely surveyed | -             | -      | -            | -            | -     | Snapped out leader with reforming crown  | -            | -    | 10+ | C1  | Section 2 | Removed                                 |
| T983 | Ash               | 850           | 20     | 14           | 3            | -     | Significant stem / crown epicormic   | Mature       | 10.2 | 20+ | B1  | Section 2 | Retained with Protection Measures       |
| T984 | Native Oak        | 1000          | 17     | 17           | 3            | -     | Mid / upper storm damage. Secondary diagonal leader shear, currently stable.   | Mature       | 12.0 | 20+ | B1  | Section 2 | Retained with Protection Measures       |
| T985 | Ash               | 800           | 19     | 14           | 3.5          | -     | Secondary leader loss. Crown decline.  | Mature       | 9.6  | 20+ | B1  | Section 2 | Retained with Protection Measures       |
| T986 | Ash               | 950           | 19     | 13           | 2            | -     | -  | Over Mature  | 11.4 | 40+ | A1  | Section 2 | Retained with Protection Measures       |
| G987 | Mixed Broadleaves | 600           | 19     | 12           | <0.5         | 30    | Sycamore and Ash with Hawthorn.  | Mature       | 7.2  | 20+ | B2  | Section 2 | At risk of removal but aiming to retain |
| T988 | Sycamore          | 800           | 18     | 14           | 2.5          | -     | -  | Mature       | 9.6  | 20+ | B1  | Section 2 | Removed                                 |
| T989 | Sycamore          | 480           | 15     | 10           | 2.5          | -     | -  | Early Mature | 5.8  | 20+ | B1  | Section 2 | Removed                                 |
| T990 | Sycamore          | 550           | 12     | 10           | 3            | -     | -  | Early Mature | 6.6  | 20+ | B1  | Section 2 | Removed                                 |
| T991 | Remotely surveyed | -             | -      | -            | -            | -     | Progressive decline  | -            | -    | 10+ | C1  | Section 2 | Removed                                 |
| T992 | Sycamore          | 600           | 15     | 12           | 2.5          | -     | -  | Early Mature | 7.2  | 20+ | B1  | Section 2 | Removed                                 |
| G993 | Native Oak        | 850           | 18     | 13           | 3            | 3     | -  | Mature       | 10.2 | 40+ | A2  | Section 2 | At risk of removal but aiming to retain |
| G994 | Sycamore          | 650           | 18     | 12           | 3            | 3     | -  | Mature       | 7.8  | 40+ | A2  | Section 2 | At risk of removal but aiming to retain |
| G995 | Mixed Broadleaves | 525           | 22     | 12           | <0.5         | 125   | -  | Mature       | 6.3  | 40+ | A2  | Section 2 | Retained with Protection Measures       |
| G996 | Native Oak        | 800           | 14     | 12           | 2.5          | 3     | Moderately dense ivy. East crowns heavily reduced radially due to power lines  | Mature       | 9.6  | 20+ | B2  | Section 2 | At risk of removal but aiming to retain |

| Ref   | Species           | Stem diameter | Height | Crown Spread | Crown Height | Count | Comments   | Ages Class   | RPA  | ERC | Cat | Section   | Impact                                  |
|-------|-------------------|---------------|--------|--------------|--------------|-------|--|--------------|------|-----|-----|-----------|---|
| T997  | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 2 | Retained with Protection Measures       |
| T998  | Native Oak        | 920           | 11     | 9            | 1.5          | -     | 2 branch fracture wounds in lower crown  | Mature       | 11.0 | 20+ | B1  | Section 2 | Retained with Protection Measures       |
| G1001 | Native Oak        | -             | -      | -            | -            | -     | Mature Oak 2 branch fracture wounds in lower crown   | -            | -    | 10+ | C2  | Section 2 | At risk of removal but aiming to retain |
| G999  | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C2  | Section 2 | At risk of removal but aiming to retain |
| T1000 | Native Oak        | 710           | 5      | 4            | 1.5          | -     | Bifurcates at 2m, both stems have failed leaving 2 large stem fracture wounds, hollow stem with 2 open cavities  | Veteran      | 15.0 | 20+ | A3  | Section 2 | Retained with Protection Measures       |
| T1002 | Ash               | 650           | 14     | 13           | 3            | -     | Inonotus hispidus and ivy present  | Early Mature | 7.8  | 20+ | B1  | Section 2 | Retained with Protection Measures       |
| G1007 | Remotely surveyed | -             | -      | -            | -            | -     | Lapsed twin hedgerow with track between. Previously managed as coppiced hedgerow. Inonotus fungus and ivy present.   | -            | -    | 10+ | C2  | Section 2 | Retained with Protection Measures       |
| T1003 | Ash               | 270           | 8      | 7            | 3            | -     | Crown fully biased to the east   | Early Mature | 3.2  | 20+ | B1  | Section 2 | Retained with Protection Measures       |
| T1004 | Native Oak        | 850           | 13     | 16           | 2.5          | -     | -  | Mature       | 10.2 | 20+ | B1  | Section 2 | Retained with Protection Measures       |
| G1005 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C2  | Section 2 | At risk of removal but aiming to retain |
| T1006 | Ash               | 1000          | 9      | 8            | 3            | -     | Major leader detachment with Inonotus hispidus present at 3m north. Bifurcates at 4m. Original crown fully lost. Secondary crown early stage establishment. Veteran characteristics. | Veteran      | 15.0 | 40+ | A3  | Section 2 | Retained with Protection Measures       |
| T1008 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 2 | Retained with Protection Measures       |
| T1009 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 2 | Retained with Protection Measures       |
| T1010 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 2 | At risk of removal but aiming to retain |
| T1011 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 2 | At risk of removal but aiming to retain |
| T1012 | Native Oak        | 770           | 17     | 15           | 3            | -     | -  | Mature       | 9.2  | 40+ | A1  | Section 2 | Retained with Protection Measures       |
| T1013 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 2 | At risk of removal but aiming to retain |
| T1014 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 2 | At risk of removal but aiming to retain |
| T1015 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 2 | At risk of removal but aiming to retain |
| G1016 | Ash               | 175           | 12     | 7            | 3            | 3     | Coppice origin, multi-stemmed  | Semi Mature  | 2.1  | 20+ | B2  | Section 2 | Retained with Protection Measures       |
| G1017 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C2  | Section 2 | Partial removal                         |
| G1018 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C2  | Section 2 | Partial removal                         |

| Ref   | Species           | Stem diameter | Height | Crown Spread | Crown Height | Count | Comments                                 | Ages Class   | RPA  | ERC | Cat | Section   | Impact                                  |
|-------|-------------------|---------------|--------|--------------|--------------|-------|--|--------------|------|-----|-----|-----------|---|
| T1019 | Ash               | 850           | 18     | 14           | 3.5          | -     | Ivy, branch fractures                    | Mature       | 10.2 | 20+ | B1  | Section 2 | Retained with Protection Measures       |
| G1020 | Remotely surveyed | -             | -      | -            | -            | -     | 3 stems from base of 250, 280, and 300mm | -            | -    | 10+ | C2  | Section 2 | Retained with Protection Measures       |
| T1021 | Ash               | 500           | 13     | 10           | 3            | -     | 3 stems from base of 250, 280, and 300mm | Early Mature | 6.0  | 20+ | B1  | Section 2 | Retained with Protection Measures       |
| G1022 | Mixed Broadleaves | 600           | 14     | 12           | <0.5         | 9     | -  | Mature       | 7.2  | 20+ | B2  | Section 2 | At risk of removal but aiming to retain |
| T1023 | Ash               | 390           | 9      | 9            | 3.5          | -     | -  | Semi Mature  | 4.7  | 20+ | B1  | Section 2 | At risk of removal but aiming to retain |
| T1024 | Native Oak        | 750           | 14     | 15           | 3            | -     | -  | Mature       | 9.0  | 40+ | A1  | Section 2 | Retained with Protection Measures       |
| T1025 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 2 | Retained with Protection Measures       |
| G1026 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C2  | Section 2 | At risk of removal but aiming to retain |
| T1027 | Native Oak        | 750           | 16     | 15           | 3.5          | -     | -  | Mature       | 9.0  | 40+ | A1  | Section 2 | Retained with Protection Measures       |
| G1029 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C2  | Section 2 | At risk of removal but aiming to retain |
| T1028 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 2 | Retained with Protection Measures       |
| T1030 | Native Oak        | 950           | 16     | 18           | 3.5          | -     | -  | Mature       | 11.4 | 40+ | A1  | Section 2 | Retained with Protection Measures       |
| T1031 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 2 | Retained with Protection Measures       |
| T1032 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 2 | At risk of removal but aiming to retain |
| T1033 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 2 | At risk of removal but aiming to retain |
| T1034 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 2 | At risk of removal but aiming to retain |
| T1035 | Native Oak        | 700           | 14     | 12           | 3            | -     | -  | Mature       | 8.4  | 40+ | A1  | Section 2 | At risk of removal but aiming to retain |
| T1036 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 2 | Retained with Protection Measures       |
| T1037 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 2 | Retained with Protection Measures       |
| T1038 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 2 | Retained with Protection Measures       |
| T1039 | Native Oak        | 750           | 14     | 15           | 3            | -     | -  | Mature       | 9.0  | 40+ | A1  | Section 2 | At risk of removal but aiming to retain |
| G1046 | Mixed Broadleaves | 450           | 18     | 10           | <0.5         | 45    | Native Oak                               | Mature       | 5.4  | 20+ | B2  | Section 2 | At risk of removal but aiming to retain |
| T1040 | Native Oak        | 450           | 10     | 8            | 3            | -     | -  | Early Mature | 5.4  | 20+ | B1  | Section 2 | At risk of removal but aiming to retain |
| T1041 | Native Oak        | 600           | 12     | 11           | 3            | -     | -  | Early Mature | 7.2  | 20+ | B1  | Section 2 | At risk of removal but aiming to retain |

| Ref   | Species           | Stem diameter | Height | Crown Spread | Crown Height | Count | Comments  | Ages Class   | RPA  | ERC | Cat | Section   | Impact                                  |
|-------|-------------------|---------------|--------|--------------|--------------|-------|---|--------------|------|-----|-----|-----------|---|
| T1042 | Ash               | 1150          | 18     | 20           | 3            | -     | 2 stems from 1.5m   | Mature       | 13.8 | 20+ | B1  | Section 2 | At risk of removal but aiming to retain |
| T1043 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C1  | Section 2 | Retained with Protection Measures       |
| G1044 | Willow            | 275           | 11     | 8            | <0.5         | 10    | Multi-stemmed   | Early Mature | 3.3  | 20+ | B2  | Section 2 | Retained with Protection Measures       |
| T1045 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C1  | Section 2 | Retained with Protection Measures       |
| T1047 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C1  | Section 2 | Retained with Protection Measures       |
| T1048 | Ash               | 950           | 9      | 7            | 3            | -     | Semi ancient Ash fully hollow stem with large cavity openings to either side. Crown almost fully dead. Epicormic growth to stem at 1.5m and 2 - 3m. | Veteran      | 15.0 | 40+ | A3  | Section 2 | Retained with Protection Measures       |
| T1049 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C1  | Section 2 | Retained with Protection Measures       |
| T1050 | Native Oak        | 800           | 10     | 12           | 2.5          | -     | -   | Over Mature  | 9.6  | 20+ | B1  | Section 2 | At risk of removal but aiming to retain |
| T1051 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C1  | Section 2 | Retained with Protection Measures       |
| G1052 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C2  | Section 2 | At risk of removal but aiming to retain |
| G1053 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C2  | Section 2 | At risk of removal but aiming to retain |
| G1054 | Native Oak        | -             | -      | -            | -            | -     | Multiple stem/branch fracture wounds and cavities throughout crown  | -            | -    | 10+ | C2  | Section 2 | Retained with Protection Measures       |
| G1055 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C2  | Section 2 | Retained with Protection Measures       |
| T1056 | Native Oak        | 1090          | 13     | 11           | 1.5          | -     | Large open wound on lower limb on East side of crown, multiple branch fracture wounds throughout crown, significant deadwood throughout crown       | Veteran      | 16.4 | 20+ | A3  | Section 2 | Retained with Protection Measures       |
| G1057 | Native Oak        | -             | -      | -            | -            | -     | Large open wound on lower limb on East side of crown, multiple branch fracture wounds throughout crown, significant deadwood throughout crown       | -            | -    | 10+ | C2  | Section 2 | At risk of removal but aiming to retain |
| T1058 | Native Oak        | 860           | 12     | 8            | 2.5          | -     | Multiple stem/branch fracture wounds and cavities throughout crown  | Veteran      | 15.0 | 20+ | A3  | Section 2 | Retained with Protection Measures       |
| G1059 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C2  | Section 2 | Partial removal                         |
| T1060 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C1  | Section 2 | Retained with Protection Measures       |
| G1061 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C2  | Section 2 | Retained with Protection Measures       |
| G1062 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C2  | Section 2 | At risk of removal but aiming to retain |
| T1063 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -    | 10+ | C1  | Section 2 | At risk of removal but aiming to retain |

| Ref   | Species           | Stem diameter | Height | Crown Spread | Crown Height | Count | Comments   | Ages Class   | RPA  | ERC | Cat | Section   | Impact                                  |
|-------|-------------------|---------------|--------|--------------|--------------|-------|--|--------------|------|-----|-----|-----------|---|
| T1064 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 2 | At risk of removal but aiming to retain |
| T1065 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 2 | At risk of removal but aiming to retain |
| T1066 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 2 | At risk of removal but aiming to retain |
| T1067 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 2 | At risk of removal but aiming to retain |
| T1068 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 2 | At risk of removal but aiming to retain |
| T1069 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 2 | At risk of removal but aiming to retain |
| T1070 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 2 | At risk of removal but aiming to retain |
| G1071 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C2  | Section 2 | At risk of removal but aiming to retain |
| G1072 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C2  | Section 2 | Partial removal                         |
| G1073 | Mixed Broadleaves | -             | -      | -            | -            | -     | Alder, Poplar, Elder, Hawthorn and other broadleaves | -            | -    | 10+ | C2  | Section 2 | Partial removal                         |
| T1074 | Hawthorn          | 650           | 8      | 7            | <0.5         | -     | Veteran Hawthorn                                     | Veteran      | 15.0 | 40+ | A3  | Section 2 | Retained with Protection Measures       |
| G1078 | Mixed Broadleaves | 300           | 16     | 6            | <0.5         | 150   | Veteran Hawthorn present (T1074)                     | Early Mature | 3.6  | 20+ | B2  | Section 2 | At risk of removal but aiming to retain |
| G1075 | Mixed Broadleaves | 450           | 16     | 9            | <0.5         | 35    | Lapsed Oak and Hawthorn hedgerow                     | Mature       | 5.4  | 20+ | B2  | Section 2 | Partial removal                         |
| T1076 | Native Oak        | 800           | 16     | 16           | >4.0         | -     | -  | Mature       | 9.6  | 40+ | A1  | Section 2 | Removed                                 |
| G1077 | Willow            | -             | -      | -            | -            | -     | Lapsed and regenerated Willow. Low retention value   | -            | -    | 10+ | C2  | Section 2 | At risk of removal but aiming to retain |
| G1079 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C2  | Section 2 | At risk of removal but aiming to retain |
| T1080 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 2 | At risk of removal but aiming to retain |
| T1081 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 2 | At risk of removal but aiming to retain |
| G1082 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C2  | Section 2 | At risk of removal but aiming to retain |
| G1083 | Mixed Broadleaves | 290           | 16     | 8            | <0.5         | 60    | -  | Semi Mature  | 3.5  | 20+ | B2  | Section 2 | At risk of removal but aiming to retain |
| T1084 | Native Oak        | 410           | 13     | 11           | 3            | -     | -  | Early Mature | 4.9  | 20+ | B1  | Section 2 | At risk of removal but aiming to retain |
| T1085 | Native Oak        | 390           | 13     | 9            | 2.5          | -     | -  | Early Mature | 4.7  | 20+ | B1  | Section 2 | Retained with Protection Measures       |
| G1086 | Mixed Broadleaves | 550           | 18     | 12           | 0.5          | 75    | -  | Mature       | 6.6  | 20+ | B2  | Section 2 | At risk of removal but aiming to retain |
| G1087 | Willow            | 600           | 19     | 12           | 2            | 3     | -  | Mature       | 7.2  | 20+ | B2  | Section 2 | At risk of removal but aiming to retain |
| G1088 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C2  | Section 2 | Partial removal                         |

| Ref   | Species           | Stem diameter | Height | Crown Spread | Crown Height | Count | Comments           | Ages Class   | RPA  | ERC | Cat | Section   | Impact                                  |
|-------|-------------------|---------------|--------|--------------|--------------|-------|--------------------|--------------|------|-----|-----|-----------|---|
| G1089 | Remotely surveyed | -             | -      | -            | -            | -     | -                  | -            | -    | 10+ | C2  | Section 2 | Partial removal                         |
| T1090 | Remotely surveyed | -             | -      | -            | -            | -     | -                  | -            | -    | 10+ | C1  | Section 2 | At risk of removal but aiming to retain |
| G1091 | Remotely surveyed | -             | -      | -            | -            | -     | -                  | -            | -    | 10+ | C2  | Section 2 | At risk of removal but aiming to retain |
| G1092 | Mixed Broadleaves | 285           | 12     | 9            | 2            | 35    | -                  | Early Mature | 3.4  | 20+ | B2  | Section 2 | At risk of removal but aiming to retain |
| G1093 | Remotely surveyed | -             | -      | -            | -            | -     | -                  | -            | -    | 10+ | C2  | Section 2 | At risk of removal but aiming to retain |
| G1094 | Remotely surveyed | -             | -      | -            | -            | -     | -                  | -            | -    | 10+ | C2  | Section 2 | At risk of removal but aiming to retain |
| T1095 | Remotely surveyed | -             | -      | -            | -            | -     | -                  | -            | -    | 10+ | C1  | Section 2 | At risk of removal but aiming to retain |
| T1096 | Remotely surveyed | -             | -      | -            | -            | -     | -                  | -            | -    | 10+ | C1  | Section 2 | At risk of removal but aiming to retain |
| T1097 | Remotely surveyed | -             | -      | -            | -            | -     | -                  | -            | -    | 10+ | C1  | Section 2 | At risk of removal but aiming to retain |
| G1098 | Remotely surveyed | -             | -      | -            | -            | -     | -                  | -            | -    | 10+ | C2  | Section 2 | At risk of removal but aiming to retain |
| T1099 | Common Alder      | 700           | 9      | 7            | 3            | -     | Previously reduced | Mature       | 8.4  | 20+ | B1  | Section 2 | At risk of removal but aiming to retain |
| G1100 | Remotely surveyed | -             | -      | -            | -            | -     | -                  | -            | -    | 10+ | C2  | Section 1 | At risk of removal but aiming to retain |
| T1101 | Remotely surveyed | -             | -      | -            | -            | -     | -                  | -            | -    | 10+ | C1  | Section 2 | Retained with Protection Measures       |
| T1102 | Native Oak        | 300           | 9      | 8            | <0.5         | -     | -                  | Early Mature | 3.6  | 20+ | B1  | Section 2 | Retained with Protection Measures       |
| G1103 | Mixed Broadleaves | 350           | 14     | 10           | <0.5         | 70    | Native Oak         | Early Mature | 4.2  | 20+ | B2  | Section 2 | At risk of removal but aiming to retain |
| T1104 | Remotely surveyed | -             | -      | -            | -            | -     | -                  | -            | -    | 10+ | C1  | Section 1 | Removed                                 |
| T1105 | Remotely surveyed | -             | -      | -            | -            | -     | -                  | -            | -    | 10+ | C1  | Section 1 | Removed                                 |
| T1106 | Remotely surveyed | -             | -      | -            | -            | -     | -                  | -            | -    | 10+ | C1  | Section 1 | Removed                                 |
| T1107 | Remotely surveyed | -             | -      | -            | -            | -     | -                  | -            | -    | 10+ | C1  | Section 1 | At risk of removal but aiming to retain |
| T1108 | Native Oak        | 540           | 10     | 10           | >4.0         | -     | -                  | Mature       | 6.5  | 20+ | B1  | Section 2 | Removed                                 |
| G1109 | Mixed Broadleaves | 375           | 16     | 9            | 2.5          | 40    | -                  | Early Mature | 4.5  | 20+ | B2  | Section 2 | At risk of removal but aiming to retain |
| G1110 | Remotely surveyed | -             | -      | -            | -            | -     | -                  | -            | -    | 10+ | C2  | Section 2 | At risk of removal but aiming to retain |
| T1111 | Native Oak        | 1100          | 16     | 21           | 2.5          | -     | -                  | Mature       | 13.2 | 40+ | A1  | Section 2 | At risk of removal but aiming to retain |
| T1112 | Native Oak        | 300           | 7      | 8            | 2.5          | -     | -                  | Semi Mature  | 3.6  | 20+ | B1  | Section 2 | Retained with Protection Measures       |
| G1113 | Mixed Broadleaves | 500           | 18     | 10           | <0.5         | 45    | -                  | Mature       | 6.0  | 20+ | B2  | Section 2 | At risk of removal but aiming to retain |
| T1114 | Native Oak        | 490           | 10     | 12           | 2.5          | -     | -                  | Early Mature | 5.9  | 20+ | B1  | Section 2 | At risk of removal but aiming to retain |



| Ref   | Species           | Stem diameter | Height | Crown Spread | Crown Height | Count | Comments   | Ages Class   | RPA  | ERC | Cat | Section   | Impact                                  |
|-------|-------------------|---------------|--------|--------------|--------------|-------|--|--------------|------|-----|-----|-----------|---|
| T1115 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 2 | At risk of removal but aiming to retain |
| T1116 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 2 | At risk of removal but aiming to retain |
| T1117 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 2 | At risk of removal but aiming to retain |
| T1118 | Native Oak        | 520           | 14     | 13           | 3            | -     | Weak union at 4m   | Early Mature | 6.2  | 20+ | B1  | Section 2 | Removed                                 |
| T1119 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 2 | At risk of removal but aiming to retain |
| T1120 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 1 | Retained with Protection Measures       |
| T1121 | Native Oak        | 950           | 19     | 14           | 3.5          | -     | -  | Mature       | 11.4 | 40+ | A1  | Section 2 | At risk of removal but aiming to retain |
| T1122 | Sycamore          | 880           | 20     | 14           | 3            | -     | -  | Mature       | 10.6 | 40+ | A1  | Section 2 | At risk of removal but aiming to retain |
| G1128 | Mixed Broadleaves | 275           | 16     | 8            | <0.5         | 100   | Screen planting, mixed broadleaves including Horse Chestnut and Sycamore | Semi Mature  | 3.3  | 20+ | B2  | Section 2 | At risk of removal but aiming to retain |
| T1123 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 2 | At risk of removal but aiming to retain |
| T1124 | Native Oak        | 550           | 10     | 10           | 3            | -     | -  | Mature       | 6.6  | 20+ | B1  | Section 2 | At risk of removal but aiming to retain |
| G1125 | Mixed Broadleaves | 400           | 15     | 12           | 1.5          | 25    | -  | Mature       | 4.8  | 20+ | B2  | Section 2 | At risk of removal but aiming to retain |
| T1126 | Native Oak        | 800           | 13     | 11           | 3            | -     | -  | Mature       | 9.6  | 20+ | B1  | Section 2 | At risk of removal but aiming to retain |
| T1127 | Native Oak        | 700           | 15     | 14           | 3            | -     | -  | Mature       | 8.4  | 40+ | A1  | Section 2 | Removed                                 |
| T1129 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 2 | At risk of removal but aiming to retain |
| G1130 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C2  | Section 2 | Partial removal                         |
| T1131 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 1 | At risk of removal but aiming to retain |
| T1132 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 1 | Retained with Protection Measures       |
| G1133 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C2  | Section 1 | Retained with Protection Measures       |
| G1134 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C2  | Section 2 | At risk of removal but aiming to retain |
| T1135 | Native Oak        | 850           | 18     | 13           | 3            | -     | -  | Mature       | 10.2 | 40+ | A1  | Section 2 | Removed                                 |
| G1136 | Mixed Broadleaves | 250           | 11     | 8            | 0.5          | 40    | Oak and Hawthorn   | Early Mature | 3.0  | 20+ | B2  | Section 1 | Retained with Protection Measures       |
| T1137 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 1 | At risk of removal but aiming to retain |
| T1138 | Ash               | 950           | 20     | 14           | 2.5          | -     | Moderate ivy   | Mature       | 11.4 | 40+ | A1  | Section 2 | At risk of removal but aiming to retain |
| T1139 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 1 | At risk of removal but aiming to retain |
| T1140 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 1 | At risk of removal but aiming to retain |

| Ref   | Species           | Stem diameter | Height | Crown Spread | Crown Height | Count | Comments                              | Ages Class   | RPA  | ERC | Cat | Section   | Impact                                  |
|-------|-------------------|---------------|--------|--------------|--------------|-------|---------------------------------------|--------------|------|-----|-----|-----------|---|
| G1141 | Remotely surveyed | -             | -      | -            | -            | -     | -                                     | -            | -    | 10+ | C2  | Section 1 | Partial removal                         |
| T1142 | Remotely surveyed | -             | -      | -            | -            | -     | -                                     | -            | -    | 10+ | C1  | Section 2 | At risk of removal but aiming to retain |
| T1143 | Remotely surveyed | -             | -      | -            | -            | -     | -                                     | -            | -    | 10+ | C1  | Section 2 | Retained with Protection Measures       |
| G1144 | Mixed Broadleaves | 275           | 17     | 7            | 0.5          | 80    | -                                     | Semi Mature  | 3.3  | 20+ | B2  | Section 2 | Partial removal                         |
| T1145 | Native Oak        | 800           | 14     | 14           | 3            | -     | Basal damage                          | Mature       | 9.6  | 20+ | B1  | Section 2 | At risk of removal but aiming to retain |
| T1146 | Native Oak        | 540           | 9      | 9            | 3            | -     | -                                     | Early Mature | 6.5  | 20+ | B1  | Section 2 | At risk of removal but aiming to retain |
| T1147 | Remotely surveyed | -             | -      | -            | -            | -     | -                                     | -            | -    | 10+ | C1  | Section 2 | Retained with Protection Measures       |
| G1148 | Mixed Broadleaves | 275           | 15     | 7            | 0.5          | 100   | -                                     | Semi Mature  | 3.3  | 20+ | B2  | Section 2 | Retained with Protection Measures       |
| T1149 | Remotely surveyed | -             | -      | -            | -            | -     | -                                     | -            | -    | 10+ | C1  | Section 2 | At risk of removal but aiming to retain |
| T1150 | Ash               | 680           | 16     | 9            | >4.0         | -     | Veteran qualities Ash                 | Veteran      | 15.0 | 40+ | A3  | Section 2 | Retained with Protection Measures       |
| G1151 | Remotely surveyed | -             | -      | -            | -            | -     | Pond and vegetation                   | -            | -    | 10+ | C2  | Section 2 | At risk of removal but aiming to retain |
| T1152 | Sycamore          | 900           | 18     | 12           | >4.0         | -     | Dense ivy                             | Mature       | 10.8 | 20+ | B1  | Section 2 | Retained with Protection Measures       |
| T1153 | Ash               | 560           | 14     | 5            | 2.5          | -     | Veteran qualities, twin stem          | Veteran      | 15.0 | 20+ | A3  | Section 2 | Retained with Protection Measures       |
| G1154 | Remotely surveyed | -             | -      | -            | -            | -     | -                                     | -            | -    | 10+ | C2  | Section 2 | Retained with Protection Measures       |
| G1155 | Remotely surveyed | -             | -      | -            | -            | -     | -                                     | -            | -    | 10+ | C2  | Section 1 | Retained with Protection Measures       |
| T1156 | Native Oak        | 970           | 18     | 14           | >4.0         | -     | Moderate ivy. Historic hedgerow oak.  | Mature       | 11.6 | 40+ | A1  | Section 2 | At risk of removal but aiming to retain |
| T1157 | Remotely surveyed | -             | -      | -            | -            | -     | -                                     | -            | -    | 10+ | C1  | Section 2 | Retained with Protection Measures       |
| G1158 | Mixed Broadleaves | -             | -      | -            | -            | -     | Semi mature Norway maple and Hawthorn | -            | -    | 10+ | C2  | Section 1 | Partial removal                         |
| G1159 | Mixed Broadleaves | 425           | 10     | 9            | 2.5          | 8     | -                                     | Early Mature | 5.1  | 20+ | B2  | Section 1 | At risk of removal but aiming to retain |
| T1160 | Remotely surveyed | -             | -      | -            | -            | -     | -                                     | -            | -    | 10+ | C1  | Section 1 | Retained with Protection Measures       |
| G1161 | Mixed Broadleaves | 350           | 12     | 8            | <0.5         | 75    | Block planted, shelter belt           | Semi Mature  | 4.2  | 20+ | B2  | Section 1 | Retained with Protection Measures       |
| T1162 | Remotely surveyed | -             | -      | -            | -            | -     | -                                     | -            | -    | 10+ | C1  | Section 1 | Retained with Protection Measures       |
| T1163 | Weeping Willow    | 700           | 9      | 12           | 1            | -     | -                                     | Mature       | 8.4  | 20+ | B1  | Section 1 | Retained with Protection Measures       |
| T1164 | Remotely surveyed | -             | -      | -            | -            | -     | -                                     | -            | -    | 10+ | C1  | Section 1 | At risk of removal but aiming to retain |
| G1165 | Remotely surveyed | -             | -      | -            | -            | -     | -                                     | -            | -    | 10+ | C2  | Section 1 | Retained with Protection Measures       |

| Ref   | Species           | Stem diameter | Height | Crown Spread | Crown Height | Count | Comments  | Ages Class  | RPA | ERC | Cat | Section   | Impact                                  |
|-------|-------------------|---------------|--------|--------------|--------------|-------|---|-------------|-----|-----|-----|-----------|---|
| G1166 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -           | -   | 10+ | C2  | Section 1 | Retained with Protection Measures       |
| T1167 | Native Oak        | 110           | 9      | 11           | 4            | -     | Historic western basal cavity to 3m   | Mature      | 1.3 | 20+ | B1  | Section 1 | Retained with Protection Measures       |
| G1168 | Native Oak        | 225           | 8      | 7            | <0.5         | 40    | Mixed broadleaf around sunken pond. Bifurcates at 2m. Diameter taken at 1m. | Semi Mature | 2.7 | 20+ | B2  | Section 1 | At risk of removal but aiming to retain |
| T1169 | Native Oak        | 720           | 9      | 12           | 4            | -     | Bifurcates at 2m. Diameter taken at 1m.                                     | Mature      | 8.6 | 40+ | A1  | Section 1 | At risk of removal but aiming to retain |
| T1170 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -           | -   | <10 | U   | Section 1 | At risk of removal but aiming to retain |
| T1171 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -           | -   | <10 | U   | Section 1 | At risk of removal but aiming to retain |
| G1172 | Remotely surveyed | -             | -      | -            | -            | -     | Scrub growth around pond  | -           | -   | 10+ | C2  | Section 1 | At risk of removal but aiming to retain |
| G1173 | Native Oak        | 735           | 9      | 8            | 4            | 5     | Historic hedgerow Oaks  | Mature      | 8.8 | 20+ | B2  | Section 1 | At risk of removal but aiming to retain |
| T1174 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -           | -   | 10+ | C1  | Section 1 | At risk of removal but aiming to retain |
| T1175 | Native Oak        | 570           | 8      | 9            | 4            | -     | Crown lifted over fields  | Mature      | 6.8 | 20+ | B1  | Section 1 | Retained with Protection Measures       |
| T1176 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -           | -   | <10 | U   | Section 1 | Retained with Protection Measures       |
| T1177 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -           | -   | 10+ | C1  | Section 1 | Retained with Protection Measures       |
| G1178 | Remotely surveyed | -             | -      | -            | -            | -     | Scrub   | -           | -   | 10+ | C2  | Section 1 | Retained with Protection Measures       |
| T1179 | Native Oak        | 490           | 8      | 8            | 4            | -     | Crown lifted over fields  | Mature      | 5.9 | 20+ | B1  | Section 1 | Retained with Protection Measures       |
| T1180 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -           | -   | 10+ | C1  | Section 1 | At risk of removal but aiming to retain |
| T1181 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -           | -   | 10+ | C1  | Section 1 | At risk of removal but aiming to retain |
| T1182 | Native Oak        | 610           | 8      | 8            | 4            | -     | Crown lifted over fields  | Mature      | 7.3 | 20+ | B1  | Section 1 | Removed                                 |
| T1183 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -           | -   | 10+ | C1  | Section 1 | Removed                                 |
| G1184 | Remotely surveyed | -             | -      | -            | -            | -     | Self-set  | -           | -   | 10+ | C2  | Section 1 | Retained with Protection Measures       |
| T1185 | Native Oak        | 690           | 9      | 9            | 4            | -     | Crown suppressed south  | Mature      | 8.3 | 20+ | B1  | Section 1 | At risk of removal but aiming to retain |
| T1186 | Native Oak        | 490           | 8      | 7            | 4            | -     | Basal root collar cavity. Crown biased to the west.                         | Mature      | 5.9 | 20+ | B1  | Section 1 | Retained with Protection Measures       |
| T1187 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -           | -   | 10+ | C1  | Section 1 | Retained with Protection Measures       |
| T1188 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -           | -   | <10 | U   | Section 1 | At risk of removal but aiming to retain |
| T1189 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -           | -   | 10+ | C1  | Section 1 | Removed                                 |
| T1190 | Native Oak        | 590           | 10     | 9            | >4.0         | -     | Base lower in ditch approx. 1.5m. No access over ditch.                     | Mature      | 7.1 | 20+ | B1  | Section 1 | Removed                                 |

| Ref   | Species           | Stem diameter | Height | Crown Spread | Crown Height | Count | Comments                                      | Ages Class   | RPA | ERC | Cat | Section   | Impact                                  |
|-------|-------------------|---------------|--------|--------------|--------------|-------|---|--------------|-----|-----|-----|-----------|---|
| T1191 | Native Oak        | 530           | 8      | 8            | 4            | -     | Crown lifted over fields                      | Mature       | 6.4 | 20+ | B1  | Section 1 | At risk of removal but aiming to retain |
| T1192 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -   | 10+ | C1  | Section 1 | At risk of removal but aiming to retain |
| T1193 | Native Oak        | 490           | 14     | 10           | 3.5          | -     | -   | Mature       | 5.9 | 20+ | B1  | Section 1 | Retained with Protection Measures       |
| T1194 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -   | 10+ | C1  | Section 1 | At risk of removal but aiming to retain |
| T1195 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -   | 10+ | C1  | Section 1 | At risk of removal but aiming to retain |
| T1196 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -   | <10 | U   | Section 1 | Removed                                 |
| T1197 | Native Oak        | 720           | 8      | 10           | 4            | -     | Historic lean south                           | Mature       | 8.6 | 20+ | B1  | Section 1 | At risk of removal but aiming to retain |
| T1198 | Native Oak        | 510           | 8      | 9            | 4            | -     | Swept stem to base                            | Mature       | 6.1 | 20+ | B1  | Section 1 | Retained with Protection Measures       |
| G1199 | Mixed Broadleaves | 425           | 19     | 8            | 4            | 80    | Aspen with Sycamore and Willow                | Semi Mature  | 5.1 | 20+ | B2  | Section 1 | At risk of removal but aiming to retain |
| T1200 | Lime              | 250           | 7      | 8            | 3            | -     | -   | Semi Mature  | 3.0 | 20+ | B1  | Section 1 | Retained with Protection Measures       |
| G1201 | Crack Willow      | -             | -      | -            | -            | -     | 3 x Crack willow                              | -            | -   | 10+ | C2  | Section 1 | Retained with Protection Measures       |
| G1202 | Mixed Broadleaves | 375           | 19     | 9            | 4            | 15    | Semi mature Poplar, Sycamore and Crack Willow | Semi Mature  | 4.5 | 20+ | B2  | Section 1 | Retained with Protection Measures       |
| T1203 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -   | 10+ | C1  | Section 1 | Retained with Protection Measures       |
| G1204 | Mixed Broadleaves | -             | -      | -            | -            | -     | Ash and Alder                                 | -            | -   | 10+ | C2  | Section 1 | Retained with Protection Measures       |
| G1205 | Aspen             | 225           | 13     | 8            | >4.0         | 12    | -   | Semi Mature  | 2.7 | 20+ | B2  | Section 1 | Retained with Protection Measures       |
| T1206 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -   | <10 | U   | Section 1 | Retained with Protection Measures       |
| T1207 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -   | 10+ | C1  | Section 1 | Retained with Protection Measures       |
| G1219 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -   | 10+ | C2  | Section 1 | Retained with Protection Measures       |
| G1208 | Mixed Broadleaves | 175           | 11     | 5            | <0.5         | 200   | Block planted screen planting                 | Early Mature | 2.1 | 20+ | B2  | Section 1 | Retained with Protection Measures       |
| G1209 | Remotely surveyed | -             | -      | -            | -            | -     | -   | -            | -   | 10+ | C2  | Section 1 | Retained with Protection Measures       |
| T1210 | Native Oak        | 770           | 12     | 12           | 4            | -     | Hedgerow Oak, 4m clearance over fields        | Mature       | 9.2 | 20+ | B1  | Section 1 | Retained with Protection Measures       |
| T1211 | Native Oak        | 730           | 10     | 11           | 4            | -     | Historic stem wound from 3m west to 4.5m      | Mature       | 8.8 | 20+ | B1  | Section 1 | Retained with Protection Measures       |
| T1212 | Native Oak        | 740           | 9      | 10           | 4            | -     | Historic stem wound from east base to 3m      | Mature       | 8.9 | 20+ | B1  | Section 1 | Retained with Protection Measures       |
| G1213 | Mixed Broadleaves | 200           | 12     | 5            | <0.5         | 250   | Block planted screen planting                 | Semi Mature  | 2.4 | 20+ | B2  | Section 1 | Retained with Protection Measures       |

| Ref   | Species           | Stem diameter | Height | Crown Spread | Crown Height | Count | Comments   | Ages Class   | RPA  | ERC | Cat | Section   | Impact                                  |
|-------|-------------------|---------------|--------|--------------|--------------|-------|--|--------------|------|-----|-----|-----------|---|
| G1214 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C2  | Section 1 | Retained with Protection Measures       |
| G1215 | Wild Cherry       | 350           | 9      | 8            | 1            | 4     | -  | Early Mature | 4.2  | 20+ | B2  | Section 1 | Retained with Protection Measures       |
| G1216 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C2  | Section 1 | Retained with Protection Measures       |
| T1217 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | <10 | U   | Section 1 | At risk of removal but aiming to retain |
| T1218 | Ash               | 700           | 12     | 14           | 3            | -     | Dense ivy  | Mature       | 8.4  | 20+ | B1  | Section 1 | Retained with Protection Measures       |
| T1220 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 1 | At risk of removal but aiming to retain |
| G1221 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C2  | Section 1 | At risk of removal but aiming to retain |
| T1222 | Native Oak        | 800           | 8      | 11           | 2            | -     | Leaning south over sunken pond                     | Mature       | 9.6  | 20+ | B1  | Section 1 | Retained with Protection Measures       |
| G1223 | Mixed Broadleaves | 200           | 10     | 7            | 0.5          | 350   | Block planted screen planting.                     | Early Mature | 2.4  | 20+ | B2  | Section 1 | Retained with Protection Measures       |
| T1224 | Native Oak        | 950           | 12     | 13           | 4            | -     | Pond-edge Oak, 4m clearance over fieldward sides   | Mature       | 11.4 | 20+ | B1  | Section 1 | At risk of removal but aiming to retain |
| T1225 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C1  | Section 1 | At risk of removal but aiming to retain |
| T1226 | Native Oak        | 490           | 10     | 10           | 4            | -     | Hedgerow Oak, 4m clearance over fields             | Mature       | 5.9  | 20+ | B1  | Section 1 | At risk of removal but aiming to retain |
| G1227 | Mixed Broadleaves | 200           | 10     | 7            | <0.5         | 40    | -  | Semi Mature  | 2.4  | 20+ | B2  | Section 1 | Retained with Protection Measures       |
| G1228 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C2  | Section 1 | Retained with Protection Measures       |
| T1229 | Native Oak        | 550           | 9      | 11           | 4            | -     | Hedgerow Oak, 4m clearance over fields             | Mature       | 6.6  | 20+ | B1  | Section 1 | At risk of removal but aiming to retain |
| T1230 | Native Oak        | 750           | 10     | 11           | 4            | -     | Hedgerow Oak, 4m clearance over fields             | Mature       | 9.0  | 20+ | B1  | Section 1 | At risk of removal but aiming to retain |
| T1231 | Native Oak        | 420           | 6      | 8            | 4            | -     | Hedgerow Oak, 4m clearance over fields             | Mature       | 5.0  | 20+ | B1  | Section 1 | At risk of removal but aiming to retain |
| G1232 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C2  | Section 1 | At risk of removal but aiming to retain |
| T1233 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | <10 | U   | Section 1 | At risk of removal but aiming to retain |
| G1234 | Mixed Broadleaves | 300           | 14     | 8            | <0.5         | 100   | Multi-stemmed Willow stand with Hazel and Hawthorn | Early Mature | 3.6  | 20+ | B2  | Section 1 | Retained with Protection Measures       |
| T1235 | Native Oak        | 780           | 10     | 12           | 4            | -     | Hedgerow Oak, 4m clearance over fields             | Mature       | 9.4  | 20+ | B1  | Section 1 | Retained with Protection Measures       |
| T1236 | Native Oak        | 1000          | 12     | 13           | 4            | -     | Hedgerow Oak, 4m clearance over fields             | Mature       | 12.0 | 20+ | B1  | Section 1 | Retained with Protection Measures       |
| T1237 | Native Oak        | 470           | 7      | 7            | 4            | -     | Hedgerow Oak, 4m clearance over fields             | Mature       | 5.6  | 20+ | B1  | Section 1 | Retained with Protection Measures       |
| G1238 | Remotely surveyed | -             | -      | -            | -            | -     | -  | -            | -    | 10+ | C2  | Section 1 | Retained with Protection Measures       |

| Ref   | Species           | Stem diameter | Height | Crown Spread | Crown Height | Count | Comments                               | Ages Class | RPA | ERC | Cat | Section   | Impact                                  |
|-------|-------------------|---------------|--------|--------------|--------------|-------|--|------------|-----|-----|-----|-----------|---|
| T1239 | Remotely surveyed | -             | -      | -            | -            | -     | -                                      | -          | -   | 10+ | C1  | Section 1 | Retained with Protection Measures       |
| T1240 | Remotely surveyed | -             | -      | -            | -            | -     | -                                      | -          | -   | 10+ | C1  | Section 1 | Retained with Protection Measures       |
| T1241 | Remotely surveyed | -             | -      | -            | -            | -     | -                                      | -          | -   | 10+ | C1  | Section 1 | At risk of removal but aiming to retain |
| T1242 | Remotely surveyed | -             | -      | -            | -            | -     | -                                      | -          | -   | 10+ | C1  | Section 1 | At risk of removal but aiming to retain |
| T1243 | Remotely surveyed | -             | -      | -            | -            | -     | -                                      | -          | -   | 10+ | C1  | Section 1 | At risk of removal but aiming to retain |
| T1244 | Remotely surveyed | -             | -      | -            | -            | -     | -                                      | -          | -   | 10+ | C1  | Section 1 | At risk of removal but aiming to retain |
| G1245 | Remotely surveyed | -             | -      | -            | -            | -     | -                                      | -          | -   | 10+ | C2  | Section 1 | Partial removal                         |
| T1246 | Willow            | 650           | 12     | 12           | 2            | -     | 9+ stems from 0.5m. Diameter estimated | Mature     | 7.8 | 20+ | B1  | Section 1 | At risk of removal but aiming to retain |
| G1247 | Mixed Broadleaves | -             | -      | -            | -            | -     | Self-set Willow and Hawthorn           | -          | -   | 10+ | C2  | Section 1 | Retained with Protection Measures       |
| T1248 | Willow            | 750           | 13     | 13           | 2            | -     | 9+ stems from 0.5m. Diameter estimated | Mature     | 9.0 | 20+ | B1  | Section 1 | At risk of removal but aiming to retain |
| T1249 | Remotely surveyed | -             | -      | -            | -            | -     | -                                      | -          | -   | 10+ | C1  | Section 1 | At risk of removal but aiming to retain |
| T1250 | Remotely surveyed | -             | -      | -            | -            | -     | -                                      | -          | -   | 10+ | C1  | Section 1 | At risk of removal but aiming to retain |
| G1251 | Remotely surveyed | -             | -      | -            | -            | -     | -                                      | -          | -   | 10+ | C2  | Section 1 | Retained with Protection Measures       |
| G1252 | Remotely surveyed | -             | -      | -            | -            | -     | -                                      | -          | -   | 10+ | C2  | Section 1 | Retained with Protection Measures       |
| G1253 | Remotely surveyed | -             | -      | -            | -            | -     | -                                      | -          | -   | 10+ | C2  | Section 1 | Retained with Protection Measures       |
| G1254 | Hawthorn          | -             | -      | -            | -            | -     | Unmanaged Hawthorn hedge               | -          | -   | 10+ | C2  | Section 1 | Partial removal                         |
| T1255 | Remotely surveyed | -             | -      | -            | -            | -     | -                                      | -          | -   | 10+ | C1  | Section 1 | At risk of removal but aiming to retain |
| T1256 | Remotely surveyed | -             | -      | -            | -            | -     | -                                      | -          | -   | <10 | U   | Section 1 | At risk of removal but aiming to retain |
| G1258 | Hawthorn          | -             | -      | -            | -            | -     | Unmanaged Hawthorn hedge               | -          | -   | 10+ | C2  | Section 1 | At risk of removal but aiming to retain |
| G1257 | Remotely surveyed | -             | -      | -            | -            | -     | -                                      | -          | -   | 10+ | C2  | Section 1 | At risk of removal but aiming to retain |
| G1259 | Hawthorn          | -             | -      | -            | -            | -     | Unmanaged Hawthorn hedge               | -          | -   | 10+ | C2  | Section 1 | Partial removal                         |
| T1260 | Remotely surveyed | -             | -      | -            | -            | -     | -                                      | -          | -   | 10+ | C1  | Section 1 | Retained with Protection Measures       |
| G1261 | Hawthorn          | -             | -      | -            | -            | -     | Unmanaged Hawthorn hedge               | -          | -   | 10+ | C2  | Section 1 | At risk of removal but aiming to retain |
| T1262 | Remotely surveyed | -             | -      | -            | -            | -     | -                                      | -          | -   | 10+ | C1  | Section 1 | Retained with Protection Measures       |
| T1263 | Remotely surveyed | -             | -      | -            | -            | -     | -                                      | -          | -   | 10+ | C1  | Section 1 | Retained with Protection Measures       |

| Ref   | Species           | Stem diameter | Height | Crown Spread      | Crown Height | Count | Comments   | Ages Class | RPA  | ERC   | Cat | Section   | Impact                                  |
|-------|-------------------|---------------|--------|-------------------|--------------|-------|--|------------|------|-------|-----|-----------|---|
| T1264 | Remotely surveyed | -             | -      | -                 | -            | -     | -  | -          | -    | 10+   | C1  | Section 1 | Retained with Protection Measures       |
| G1265 | Hawthorn          | -             | -      | -                 | -            | -     | Unmanaged Hawthorn hedge   | -          | -    | 10+   | C2  | Section 1 | At risk of removal but aiming to retain |
| T1266 | English Oak       | 970           | 19     | 8 - 11 - 5 - 8    | 2            | -     | Suppressed on south by large oak. Dead limbs present.  | Mature     | 11.6 | 40+   | B1  | Section 3 | Retained with Protection Measures       |
| T1267 | Sessile Oak       | 1350          | 25     | 10 - 10 - 10 - 7  | 3            | -     | Large longitudinal fracture, lots of basal damage from grazing animals, largest oak in area, some broken branches, snap out hazard on main stem.   | Mature     | 16.2 | 20-40 | U   | Section 3 | Retained with Protection Measures       |
| T1268 | English Oak       | 950e          | 10     | 5 - 9 - 0 - 3     | 2            | -     | Potential veteran. Back side of tree has approximately 2.5m high of mulch like material up against stem and extending 5m west and south. Lots of dead branches and snapouts. Lots of cavities. | Veteran    | 15.0 | 40+   | A3  | Section 3 | Retained with Protection Measures       |
| T1269 | English Oak       | 810           | 13     | 8 - 3 - 5 - 7     | 3            | -     | Lots of dead branches in internal canopy, reaction wood around 1m from barbed wire against it. Fungi up one branch eastward.   | Mature     | 9.7  | 40+   | B1  | Section 3 | Removed                                 |
| T1270 | English Oak       | 1050          | 16     | 8 - 10 - 11 - 6   | 2            | -     | Buttressed base. Several snapped limbs up main stem. Still holding some leaf late in year. Some pruned lower limbs sealed over with response wood.   | Mature     | 12.6 | 40+   | B1  | Section 3 | Removed                                 |
| G1271 | Cypress           | 300e          | 4      | 2 - 2 - 2 - 2     | 0            | -     | Hedge maintained along boundary  | Mature     | 3.6  | 40+   | B2  | Section 3 | Retained with Protection Measures       |
| T1272 | English Oak       | 1000e         | 19     | 10 - 10 - 9 - 9   | 3            | -     | On private land. All figures estimated. Large pruning wound approximately 4m up stem. Has had other works done also in crown.  | Mature     | 12.0 | 40+   | A1  | Section 3 | Retained with Protection Measures       |
| T1273 | English Oak       | 850e          | 18     | 7 - 8 - 8 - 7     | 4            | -     | On private land so all figures estimated. Lowest branch has snapped limb detached and wound exposed. Previous pruning wounds approximately 5, 6, and 8m up stem.                               | Mature     | 10.2 | 40+   | B1  | Section 3 | Retained with Protection Measures       |
| T1274 | English Oak       | 830           | 15     | 9 - 10 - 10 - 10  | 3            | -     | Ground around base heavily trampled by cattle.   | Mature     | 10.0 | 40+   | A2  | Section 5 | Retained with Protection Measures       |
| T1275 | English Oak       | 950           | 15     | 10 - 10 - 10 - 10 | 2            | -     | Ground around base heavily trampled by cattle, entire canopy in decline, major deadwood throughout canopy.   | Mature     | 11.4 | 10-20 | C2  | Section 5 | Retained with Protection Measures       |
| T1276 | English Oak       | 950           | 15     | 2 - 9 - 10 - 8    | 2            | -     | Ground around base heavily trampled by cattle, large stem torn out at 2m exposing large area of heartwood 1mx0.5m leaving the canopy mostly bare to the north.                                 | Mature     | 11.4 | 10-20 | C2  | Section 5 | Retained with Protection Measures       |
| T1277 | English Oak       | 850           | 13     | 8 - 8 - 8 - 8     | 2            | -     | Ground around base heavily trampled by cattle, minor pruning from 33kv overhead conductors to west, swelling of stem from 0.5m to 3m.  | Mature     | 10.2 | 40+   | B2  | Section 5 | Retained with Protection Measures       |
| T1278 | English Oak       | 1030          | 17     | 10 - 10 - 10 - 10 | 2            | -     | Ground around base heavily trampled by cattle, crown lifted to 5m, moderate deadwood throughout canopy   | Mature     | 12.4 | 40+   | A2  | Section 5 | Retained with Protection Measures       |

| Ref   | Species      | Stem diameter | Height | Crown Spread          | Crown Height | Count | Comments  | Ages Class   | RPA  | ERC   | Cat | Section   | Impact                                  |
|-------|--------------|---------------|--------|-----------------------|--------------|-------|---|--------------|------|-------|-----|-----------|---|
| T1279 | English Oak  | 800           | 15     | 10 - 10 - 10 - 10     | 2            | -     | Moderate deadwood on north side of canopy at 8m, ground around base heavily trampled by cattle, crown lifted to 5m.   | Mature       | 9.6  | 40+   | A2  | Section 5 | At risk of removal but aiming to retain |
| T1280 | Sycamore     | 950e          | 17     | 11 - 11 - 11 - 11     | 2.5          | -     | 9m from hedge to south, snapped out limb hung up in west side of canopy at 4m.  | Mature       | 11.4 | 40+   | A2  | Section 5 | Retained with Protection Measures       |
| T1281 | Norway Maple | 450e          | 13     | 5 - 5 - 6 - 5         | 2            | -     | Grown in maintained lawn area of garden.  | Early Mature | 5.4  | 40+   | B2  | Section 5 | Retained with Protection Measures       |
| G1282 | Hawthorn     | 75            | 1.5    | 0.5 - 0.5 - 0.5 - 0.5 | 0            | -     | Maintained hedgerow.  | Semi Mature  | 0.9  | 40+   | C1  | Section 5 | At risk of removal but aiming to retain |
| T1283 | Ash          | 880           | 14     | 7 - 7 - 7 - 4         | 3            | -     | 31.6m from fence and 32.8m from tank, prolific ivy on stems to 8m, crown lifted to 3m, growing from coppice stool on descending bank to road, 5 stems of average 330mm.   | Early Mature | 10.6 | 10-20 | B2  | Section 5 | At risk of removal but aiming to retain |
| T1284 | Ash          | 600e          | 10     | 5 - 2 - 5 - 4         | 1            | -     | 30.6m from tank and 29.7m from fence measured from hedgerow, 4m roadside of hedge, prolific ivy on stems to 7m, growing from coppice stool on descending bank to road, 4 stems of average 250mm.  | Early Mature | 7.2  | 10-20 | B2  | Section 5 | At risk of removal but aiming to retain |
| T1285 | Ash          | 600e          | 18     | 6 - 7 - 9 - 3         | 2            | -     | Ivy to 14m, 2m behind hedgerow, 24.5m to fence and 25.5m to tank measured from hedgerow.  | Early Mature | 7.2  | 10-20 | B2  | Section 5 | At risk of removal but aiming to retain |
| T1286 | Ash          | 650e          | 20     | 7 - 7 - 9 - 4         | 4            | -     | Ivy to 15m, 2m behind hedgerow, 22.1m to fence and 23.6m to tank measured from hedgerow.  | Early Mature | 7.8  | 10-20 | B2  | Section 5 | At risk of removal but aiming to retain |
| T1287 | Sycamore     | 550e          | 20     | 6 - 7 - 8 - 4         | 5            | -     | Prolific ivy on stem to 16m, 2m from hedgerow to south, 20.4m from fence and 22.6m from tank measured from hedgerow.  | Early Mature | 6.6  | 40+   | B2  | Section 5 | At risk of removal but aiming to retain |
| T1288 | Ash          | 650e          | 20     | 7 - 7 - 12 - 12       | 5            | -     | 20.4m from fence and 21.8m from tank measured from hedgerow, ivy on stem to 14m, split and torn branch stubs at 8m and 9m on south-east side of canopy, 2m from hedgerow to south.  | Mature       | 7.8  | 40+   | B2  | Section 5 | At risk of removal but aiming to retain |
| T1289 | Sycamore     | 650e          | 19     | 9 - 9 - 9 - 6         | 5            | -     | Entire canopy in decline, prolific ivy throughout canopy, major deadwood appearing throughout canopy, four stems of 650, 500, 300, 400mm, growing on descending woodland bank 2m from fence, 22m from fence and 26m from tank measured from fence line. | Mature       | 7.8  | 10-20 | C2  | Section 5 | Retained with Protection Measures       |
| T1290 | Sycamore     | 650e          | 22     | 3 - 7 - 8 - 6         | 3            | -     | Prolific ivy covering most of the tree to 20m, 6m from fence line to east on descending woodland bank, 20.8m from fence and 25.6m from tank.  | Mature       | 7.8  | 40+   | B2  | Section 5 | Retained with Protection Measures       |



| Ref   | Species                                    | Stem diameter | Height | Crown Spread       | Crown Height | Count | Comments   | Ages Class   | RPA  | ERC   | Cat | Section   | Impact                                  |
|-------|--|---------------|--------|--------------------|--------------|-------|--|--------------|------|-------|-----|-----------|---|
| T1291 | English Oak                                | 1200e         | 20     | 6 - 13 - 12<br>- 7 | 2.5          | -     | 26.8m from fence and 31.6m from tank measured from fence line, prolific ivy throughout canopy, large decline branch to north growing from 1m, major deadwood located at 4m on east side. | Mature       | 14.4 | 40+   | A2  | Section 5 | Retained with Protection Measures       |
| T1292 | English Oak                                | 500e          | 20     | 3 - 8 - 6 - 2      | 3            | -     | 4m from fence to east, 37.5m from tank and 32.5m from fence surrounding tank measured from fence line, prolific ivy on stem to 14m, moderate deadwood off main stem from 7-16m.          | Early Mature | 6.0  | 40+   | B2  | Section 5 | Retained with Protection Measures       |
| T1293 | Sycamore                                   | 700e          | 20     | 5 - 8 - 8 - 4      | 2.5          | -     | 4m from fence line to east, growing on descending woodland bank, 42.3m to tank and 37.5m to fence measured from fence line.  | Mature       | 8.4  | 40+   | B2  | Section 5 | Retained with Protection Measures       |
| T1294 | Sycamore                                   | 1100e         | 20     | 5 - 9 - 9 - 8      | 1.5          | -     | Two stems at base, 4m from fence line to east, growing on descending woodland bank, 49.5m to tank and 44m to fence measured from fence line.   | Mature       | 13.2 | 40+   | B2  | Section 5 | Retained with Protection Measures       |
| T1295 | Sycamore                                   | 680e          | 22     | 5 - 7 - 6 - 8      | 3            | -     | 4m from fence line to south-east, growing on descending woodland bank, 59m to tank and 54m to fence measured from fence line, ivy on stem to 14m.  | Early Mature | 8.2  | 40+   | B2  | Section 5 | At risk of removal but aiming to retain |
| T1296 | Sycamore                                   | 620e          | 22     | 3 - 7 - 6 - 8      | 2            | -     | 3m from fence line to south-east, growing on descending woodland bank, 63m to tank measured from fence line, ivy on stem to 14m.   | Early Mature | 7.4  | 40+   | B2  | Section 5 | At risk of removal but aiming to retain |
| T1297 | Sycamore                                   | 980e          | 22     | 3 - 8 - 6 - 2      | 1.5          | -     | Two stems from 0.5m, 3m from fence line to south-east, growing on descending woodland bank, 68m to tank measured from fence line.  | Early Mature | 11.7 | 40+   | B2  | Section 5 | At risk of removal but aiming to retain |
| T1298 | Ash  | 700e          | 20     | 4 - 8 - 10 - 4     | 4            | -     | Prolific ivy on stem to 18m, 3m from fence to east, crown lifted to 4m over field not occluding.   | Mature       | 8.4  | 20-40 | B2  | Section 5 | At risk of removal but aiming to retain |
| T1299 | Sycamore                                   | 1125          | 22     | 3 - 8 - 9 - 4      | 1.5          | -     | Three stems from 1m of 500, 550, 550mm, 4m from fence line to SE, growing on descending woodland bank .  | Early Mature | 13.5 | 40+   | B2  | Section 5 | Retained with Protection Measures       |
| G1300 | Blackthorn, Ash, Elder, Hawthorn, Sycamore | 75            | 5      | 1 - 1 - 1 - 1      | 0            | -     | Self-set between fence and trees on top of bank.   | Young        | 0.9  | 10-20 | C2  | Section 5 | At risk of removal but aiming to retain |
| G1301 | Sycamore, Alder, Ash                       | 500e          | 20     | 8 - 8 - 8 - 8      | 2            | -     | Ivy on stems, growing from descending bank, 3m from hedgerow to south, 19.2m from fence, 22.5m from tank measured from hedgerow.   | Early Mature | 6.0  | 40+   | B2  | Section 5 | At risk of removal but aiming to retain |
| G1302 | Hazel, Ash, English Oak, Sycamore          | 75            | 7      | 4 - 4 - 4 - 4      | 0            | -     | Self set, on top of woodland bank, behind fence, 82m from tank.  | Young        | 0.9  | 40+   | C2  | Section 5 | Retained with Protection Measures       |
| T1303 | Sycamore                                   | 1400          | 15     | -                  | 0            | -     | -  | Mature       | 16.8 | 40+   | A1  | Section 5 | Retained with Protection Measures       |
| T1304 | Sycamore                                   | 500           | 14     | -                  | 0            | -     | -  | Early Mature | 6.0  | 40+   | B2  | Section 5 | Retained with Protection Measures       |
| T1305 | English Oak                                | 600           | 16     | -                  | 0            | -     | -  | Early Mature | 7.2  | 40+   | B2  | Section 5 | Retained with Protection Measures       |
| T1306 | English Oak                                | 1100          | 18     | -                  | 0            | -     | -  | Mature       | 13.2 | 40+   | A2  | Section 5 | Removed                                 |

| Ref   | Species   | Stem diameter | Height | Crown Spread | Crown Height | Count | Comments | Ages Class   | RPA  | ERC | Cat | Section   | Impact                                  |
|-------|---|---------------|--------|--------------|--------------|-------|----------|--------------|------|-----|-----|-----------|---|
| T1307 | Sycamore  | 550           | 15     | -            | 0            | -     | -        | Mature       | 6.6  | 40+ | B2  | Section 5 | Removed                                 |
| T1308 | Sycamore  | 550           | 15     | -            | 0            | -     | -        | Early Mature | 6.6  | 40+ | B2  | Section 5 | Removed                                 |
| T1309 | English Oak   | 600           | 15     | -            | 0            | -     | -        | Early Mature | 7.2  | 40+ | B2  | Section 5 | At risk of removal but aiming to retain |
| G1310 | Sycamore  | 650           | 17     | -            | 0            | -     | -        | Mature       | 7.8  | 40+ | B2  | Section 5 | At risk of removal but aiming to retain |
| G1311 | Sycamore, Ash, English Oak                            | 500           | 14     | -            | 0            | -     | -        | Early Mature | 6.0  | 40+ | B2  | Section 5 | At risk of removal but aiming to retain |
| G1312 | Sycamore, Ash   | 500           | 17     | -            | 0            | -     | -        | Early Mature | 6.0  | 40+ | B2  | Section 5 | At risk of removal but aiming to retain |
| G1313 | English Oak   | 600           | 17     | -            | 0            | -     | -        | Early Mature | 7.2  | 40+ | B2  | Section 5 | At risk of removal but aiming to retain |
| G1314 | English Oak, Ash, Silver Birch, Goat Willow, Hawthorn | 800           | 18     | -            | 0            | -     | -        | Mature       | 9.6  | 40+ | B2  | Section 5 | At risk of removal but aiming to retain |
| T1315 | English Oak   | 700           | 14     | -            | 0            | -     | -        | Early Mature | 8.4  | 40+ | B2  | Section 5 | Retained with Protection Measures       |
| T1316 | English Oak   | 700           | 14     | -            | 0            | -     | -        | Early Mature | 8.4  | 40+ | B2  | Section 5 | Retained with Protection Measures       |
| T1317 | English Oak   | 700           | 14     | -            | 0            | -     | -        | Early Mature | 8.4  | 40+ | B2  | Section 5 | Retained with Protection Measures       |
| T1318 | Sycamore  | 900           | 16     | -            | 0            | -     | -        | Mature       | 10.8 | 40+ | B2  | Section 5 | Retained with Protection Measures       |
| T1319 | English Oak   | 500           | 12     | -            | 0            | -     | -        | Early Mature | 6.0  | 40+ | B2  | Section 5 | At risk of removal but aiming to retain |
| T1320 | English Oak   | 750           | 15     | -            | 0            | -     | -        | Early Mature | 9.0  | 40+ | B2  | Section 5 | At risk of removal but aiming to retain |
| T1321 | English Oak   | 550           | 10     | -            | 0            | -     | -        | Early Mature | 6.6  | 40+ | B2  | Section 5 | At risk of removal but aiming to retain |
| T1322 | Sycamore  | 500           | 12     | -            | 0            | -     | -        | Early Mature | 6.0  | 40+ | B2  | Section 5 | At risk of removal but aiming to retain |
| T1323 | English Oak   | 500           | 15     | -            | 0            | -     | -        | Early Mature | 6.0  | 40+ | B2  | Section 5 | Retained with Protection Measures       |
| T1324 | English Oak   | 400           | 15     | -            | 0            | -     | -        | Early Mature | 4.8  | 40+ | B2  | Section 5 | Retained with Protection Measures       |

# ANNEX C – ARBORICULTURAL SURVEY SCHEDULE (SECTION 7)

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## **Explanatory Notes**

The schedule provides the survey data of each surveyed feature and should be used in conjunction with the Tree Removal and Protection Plan (Annex E) to elicit an understanding of the features geographical location and anticipated impacts in relation to the DCO Proposed Development.

## **Reference Abbreviations**

- G – Group
- T – Tree

A suffix of 'a' is added to the tree numbers for Section 7 to avoid reference clashes between the trees surveyed as part of the TCPA Proposed Development and those surveyed for the DCO Proposed Development.

## **Measurements**

Height of trees was measured with a clinometer.

Stem diameter measurements are in accordance with BS 5837:2012.

Crown spreads have been estimated in the four cardinal points.

LCH is the lowest canopy height. It is an estimate of the lowest point of foliage above ground level of the tree indicating the clearance below the tree.

LBH is the lowest branch height and is the height above ground level of the first branch union.

## **Assessments**

Life stage:

- Y – Young – planted within the last three years (unless heavy/extra heavy standard)
- SM – Semi-mature – <25% estimated life expectancy
- EM – Early Mature – < 50% estimated life expectancy
- M – Mature – >50% estimated life expectancy

Physiological condition – Good, Fair Poor or Dead

Structural condition – Good, Fair, Poor or Unstable

Estimated remaining contribution - <10 years, 10+ years, 20+ years or 40+ years.

BS 5837 Category – A, B, C or U with a single sub-category recorded as 1, 2 or 3.

### **Root Protection Area**

RPA is the circular radius associated with the tree as measured from the centre of the stem.

The RPA for groups is the equivalent RPA for the largest tree in that group and is illustrated in the Tree Removal and Protection Plan (Section 7 of the DCO Proposed Development) at **Annex E**.

| Ref. | Species                       | Height (m) | Stem Dia. (mm) | Crown Spread<br>N, E, S, W | LCH (m) | LBH (m) | Life Stage | Physiological<br>Condition | Structural<br>Condition | Tree Condition Notes & Observations   | RPA<br>Rad.<br>(m) | Estimated<br>Remaining<br>Contribution | BS5837<br>Category | Impact                                  |
|------|-------------------------------|------------|----------------|----------------------------|---------|---------|------------|----------------------------|-------------------------|---|--------------------|--|--------------------|---|
| T78a | Ash, Fraxinus excelsior       | 19         | 910            | 6 - 6 - 6 - 6              | 3       | 4.5     | M          | P                          | P                       | Bark canker throughout canopy, snapped out central stem at 10m with cavity appearing to descend down stem, snapped out branches in East side of canopy at 13m, cavities on main stems at 9m, 10 and 13m on South side, tag number 0876. | 10.9               | <10                                    | B2                 | At risk of removal but aiming to retain |
| T79a | Ash, Fraxinus excelsior       | 18         | 850            | 1 - 6 - 6 - 6              | 3       | 4.5     | M          | P                          | F                       | Uncharacteristic epicormic throughout canopy with little vigour, sparse canker throughout canopy, moderate deadwood throughout canopy.  | 10.2               | <10                                    | C1                 | At risk of removal but aiming to retain |
| T80a | Ash, Fraxinus excelsior       | 19         | 880            | 7 - 7 - 6 - 6              | 4       | 3       | M          | F                          | F                       | Minor deadwood throughout canopy.   | 10.6               | 40+                                    | B1                 | At risk of removal but aiming to retain |
| T81a | European larch, Larix decidua | 8          | 360            | 4 - 1 - 1 - 4              | 4       | 2.5     | EM         | P                          | P                       | Wound on stem at 1m, holes throughout central leader, dieback in central leader.  | 4.3                | 10+                                    | C1                 | Removal                                 |
| T82a | European larch, Larix decidua | 11         | 450            | 6 - 1 - 1 - 6              | 2       | 2.5     | EM         | P                          | P                       | Wound on stem at 1m, holes throughout central leader, dead lead stem.   | 5.4                | 10+                                    | C1                 | At risk of removal but aiming to retain |
| T83a | European larch, Larix decidua | 9          | 450            | 1 - 1 - 4 - 5              | 2       | 3       | EM         | F                          | F                       | Suppressed from east.   | 5.4                | 20+                                    | C1                 | At risk of removal but aiming to retain |
| T84a | European larch, Larix decidua | 8          | 410            | 1 - 5 - 4 - 0              | 2       | 5       | EM         | F                          | P                       | Suppressed from west, vertical lean to east of approx 20 degrees, large wound on west side from base of 1.25m x 25cm, reactive growth around old branch union that has occluded at 3m.  | 4.9                | 10+                                    | C1                 | At risk of removal but aiming to retain |
| T85a | European larch, Larix decidua | 6          | 300            | 0 - 0 - 0 - 0              | -       | -       | -          | D                          | U                       | Dead.   | 3.6                | <10                                    | U                  | At risk of removal but aiming to retain |
| T86a | European larch, Larix decidua | 11         | 180            | 1 - 1 - 1 - 1              | 7       | 7       | EM         | P                          | P                       | Wound at base on west side of 1.25m x 20cm.   | 2.2                | <10                                    | C1                 | At risk of removal but aiming to retain |
| T87a | European larch, Larix decidua | 12         | 280            | 13 - 2 - 2 - 3             | 5       | 5       | EM         | P                          | P                       | Significant wound at base on west side of 2m x 20cm, moderate deadwood on main stem.  | 3.4                | <10                                    | C1                 | At risk of removal but aiming to retain |
| T88a | European larch, Larix decidua | 7          | 380            | 4 - 2 - 2 - 3              | 5       | 5       | EM         | P                          | P                       | Torn branch at 4m on South side, decay evident.   | 4.6                | 10+                                    | C1                 | At risk of removal but aiming to retain |
| T89a | Ash, Fraxinus excelsior       | 8          | 610            | 1 - 1 - 1 - 1              | 2       | 2       | M          | P                          | P                       | Snapped out main stem with epicormic regenerating, grown over a large boulder, cavity down to base.   | 7.3                | 10+                                    | C1                 | At risk of removal but aiming to retain |

| Ref. | Species  | Height (m) | Stem Dia. (mm) | Crown Spread<br>N, E, S, W | LCH (m) | LBH (m) | Life Stage | Physiological<br>Condition | Structural<br>Condition | Tree Condition Notes & Observations  | RPA<br>Rad.<br>(m) | Estimated<br>Remaining<br>Contribution | BS5837<br>Category | Impact                                  |
|------|--|------------|----------------|----------------------------|---------|---------|------------|----------------------------|-------------------------|--|--------------------|--|--------------------|---|
| T90a | Ash, <i>Fraxinus excelsior</i>   | 19         | 640            | 6 - 7 - 4 - 3              | 3       | 7       | M          | F                          | F                       | Major deadwood on east side at 15m, and moderate throughout canopy, cavity at 5m on east side partially occluded.      | 7.7                | 40+                                    | B1                 | At risk of removal but aiming to retain |
| T91a | Ash, <i>Fraxinus excelsior</i>   | 19         | 780            | 3 - 7 - 7 - 6              | 2       | 2       | M          | P                          | F                       | Moderate deadwood throughout canopy, fungal bracket at 14m on main stem potentially inonotus sp., Ash dieback evident. | 9.4                | 40+                                    | C1                 | Removal                                 |
| T92a | Sycamore, <i>Acer pseudoplatanus</i>   | 0          | 680            | 6 - 6 - 6 - 6              | 4       | 5       | M          | F                          | F                       | Minor deadwood, in hedge, twin stem from 5m.   | 8.2                | 40+                                    | B1                 | Retained with Protection Measures       |
| G93a | European larch, <i>Larix decidua</i>   | 9          | 400            | 2 - 3 - 1 - 1              | 4       | 4       | EM         | P                          | P                       | Wounding at base of both trees, moderate deadwood in canopies, suppressed from west by ash.                            | 4.8                | <10                                    | C1                 | At risk of removal but aiming to retain |
| G94a | Blackthorn, <i>Prunus spinosa</i> , Hawthorn, <i>Crataegus monogyna</i> , Holly, <i>Ilex aquifolium</i> , Elder, <i>Sambucus nigra</i> | 2.5        | 200            | 0.5 - 0.5 - 0.5 - 0.5      | 0       | 0       | M          | F                          | F                       | Maintained hedgerow.   | 2.4                | 40+                                    | B2                 | Partial removal                         |
| G95a | Blackthorn, <i>Prunus spinosa</i> , Hawthorn, <i>Crataegus monogyna</i> , Holly, <i>Ilex aquifolium</i> , Elder, <i>Sambucus nigra</i> | 2.5        | 200            | 0.5 - 0.5 - 0.5 - 0.5      | 0       | 0       | M          | F                          | F                       | Maintained hedgerow.   | 2.4                | 40+                                    | B2                 | Partial removal                         |
| G96a | Blackthorn, <i>Prunus spinosa</i> , Hawthorn, <i>Crataegus monogyna</i> , Holly, <i>Ilex aquifolium</i> , Elder, <i>Sambucus nigra</i> | 2.5        | 200            | 0.5 - 0.5 - 0.5 - 0.5      | 0       | 0       | M          | F                          | F                       | Maintained hedgerow.   | 2.4                | 40+                                    | B2                 | At risk of removal but aiming to retain |
| G97a | Blackthorn, <i>Prunus spinosa</i> , Hawthorn, <i>Crataegus monogyna</i> , Holly, <i>Ilex aquifolium</i> , Elder, <i>Sambucus nigra</i> | 2.5        | 200            | 0.5 - 0.5 - 0.5 - 0.5      | 0       | 0       | M          | F                          | F                       | Maintained hedgerow.   | 2.4                | 40+                                    | B2                 | At risk of removal but aiming to retain |
| G98a | Blackthorn, <i>Prunus spinosa</i> , Hawthorn, <i>Crataegus monogyna</i> , Holly, <i>Ilex aquifolium</i> , Elder, <i>Sambucus nigra</i> | 2.5        | 200            | 0.5 - 0.5 - 0.5 - 0.5      | 0       | 0       | M          | F                          | F                       | Maintained hedgerow.   | 2.4                | 40+                                    | B2                 | At risk of removal but aiming to retain |

| Ref.  | Species   | Height (m) | Stem Dia. (mm) | Crown Spread N, E, S, W | LCH (m) | LBH (m) | Life Stage | Physiological Condition | Structural Condition | Tree Condition Notes & Observations  | RPA Rad. (m) | Estimated Remaining Contribution | BS5837 Category | Impact                                  |
|-------|---|------------|----------------|-------------------------|---------|---------|------------|-------------------------|----------------------|--|--------------|----------------------------------|-----------------|---|
| G99a  | Blackthorn, Prunus spinosa, Hawthorn, Crataegus monogyna, Holly, Ilex aquifolium, Elder, Sambucus nigra | 2.5        | 200            | 0.5 - 0.5 - 0.5 - 0.5   | 0       | 0       | M          | F                       | F                    | Maintained hedgerow.   | 2.4          | 40+                              | B2              | Removal                                 |
| G100a | Blackthorn, Prunus spinosa, Hawthorn, Crataegus monogyna, Holly, Ilex aquifolium, Elder, Sambucus nigra | 2.5        | 200            | 0.5 - 0.5 - 0.5 - 0.5   | 0       | 0       | M          | F                       | F                    | Maintained hedgerow.   | 2.4          | 40+                              | B2              | At risk of removal but aiming to retain |
| T101a | Hawthorn, Crataegus monogyna  | 2          | 90             | 0.5 - 0.5 - 0.5 - 0.5   | 0       | 0       | SM         | F                       | F                    | Flailed at 2m.   | 1.1          | 40+                              | C1              | Retained with Protection Measures       |
| T102a | Hawthorn, Crataegus monogyna  | 6          | 160            | 2 - 0.5 - 2 - 2         | 0       | 0       | SM         | F                       | F                    | Flailed at on east side.   | 1.9          | 40+                              | C1              | At risk of removal but aiming to retain |
| T103a | Sycamore, Acer pseudoplatanus   | 18         | 680e           | 8 - 8 - 8 - 8           | 4       | 4       | M          | F                       | F                    | In hedgerow, minor deadwood on main stem.  | 8.2          | 40+                              | A1              | At risk of removal but aiming to retain |
| T104a | Sycamore, Acer pseudoplatanus   | 17         | 650e           | 8 - 8 - 8 - 8           | 4       | 4       | M          | F                       | F                    | In hedgerow, minor deadwood on main stem.  | 7.8          | 40+                              | A1              | Retained with Protection Measures       |
| T105a | Sycamore, Acer pseudoplatanus   | 17         | 1120e          | 8 - 8 - 8 - 8           | 4       | 4       | M          | F                       | F                    | In hedgerow, minor deadwood on main stem, twin stem from 4m.   | 13.4         | 40+                              | B1              | At risk of removal but aiming to retain |
| T106a | Sycamore, Acer pseudoplatanus   | 17         | 780e           | 7 - 7 - 7 - 7           | 3       | 0       | M          | F                       | F                    | In hedgerow, minor deadwood on main stem, 3 additional stems at base, prolific ivy on stem from 4-16m. | 9.4          | 40+                              | B1              | At risk of removal but aiming to retain |
| G107a | Hawthorn, Crataegus monogyna  | 2          | 90             | 0.5 - 0.5 - 0.5 - 0.5   | 0       | 0       | SM         | F                       | F                    | Maintained hedgerow.   | 1.1          | 40+                              | B2              | Retained with Protection Measures       |
| G108a | Hawthorn, Crataegus monogyna, Sycamore, Acer pseudoplatanus   | 16         | 500            | 5 - 5 - 5 - 5           | 0       | 0       | EM         | F                       | F                    | Copse of sycamore with hawthorn on edges, minor deadwood, hawthorn has been maintained.                | 6.0          | 40+                              | B2              | Retained with Protection Measures       |
| G109a | Hawthorn, Crataegus monogyna, Holly, Ilex aquifolium, Blackthorn, Prunus spinosa                        | 3          | 130            | 0.5 - 0.5 - 0.5 - 0.5   | 0       | 0       | EM         | F                       | F                    | Maintained hedgerow, 33kv pole in hedge, pipeline in hedge ref 17.01.                                  | 1.6          | 40+                              | B2              | At risk of removal but aiming to retain |
| G110a | Blackthorn, Prunus spinosa  | 1.5        | 90             | 0.5 - 0.5 - 0.5 - 0.5   | 0       | 0       | SM         | F                       | F                    | Maintained hedgerow.   | 1.1          | 40+                              | C2              | At risk of removal but aiming to retain |
| G111a | Blackthorn, Prunus spinosa  | 1.5        | 90             | 0.5 - 0.5 - 0.5 - 0.5   | 0       | 0       | SM         | F                       | F                    | Maintained hedgerow.   | 1.1          | 40+                              | C2              | At risk of removal but aiming to retain |

| Ref.  | Species  | Height (m) | Stem Dia. (mm) | Crown Spread<br>N, E, S, W | LCH (m) | LBH (m) | Life Stage | Physiological<br>Condition | Structural<br>Condition | Tree Condition Notes & Observations                                   | RPA<br>Rad.<br>(m) | Estimated<br>Remaining<br>Contribution | BS5837<br>Category | Impact                                  |
|-------|--|------------|----------------|----------------------------|---------|---------|------------|----------------------------|-------------------------|---|--------------------|--|--------------------|---|
| G112a | Hawthorn, Crataegus monogyna, Sycamore, Acer pseudoplatanus, Ash, Fraxinus excelsior, Elder, Sambucus nigra, Hazel, Corylus avellana | 17         | 750            | 7 - 7 - 7 - 7              | 1       | 0       | M          | F                          | F                       | On a bank, prolific ivy on some sycamore stems.                       | 9.0                | 40+                                    | B2                 | At risk of removal but aiming to retain |
| G113a | Hawthorn, Crataegus monogyna, Hazel, Corylus avellana, Blackthorn, Prunus spinosa  | 10         | 200            | 2 - 2 - 2 - 2              | 0       | 0       | EM         | F                          | F                       | Maintained hedgerow.  | 2.4                | 40+                                    | C2                 | At risk of removal but aiming to retain |
| G114a | Hawthorn, Crataegus monogyna, Blackthorn, Prunus spinosa   | 1          | 130            | 0.5 - 0.5 - 0.5 - 0.5      | 0       | 0       | EM         | F                          | F                       | Maintained hedgerow.  | 1.6                | 40+                                    | B2                 | Partial removal                         |
| G115a | Hawthorn, Crataegus monogyna, Blackthorn, Prunus spinosa   | 1          | 130            | 0.5 - 0.5 - 0.5 - 0.5      | 0       | 0       | EM         | F                          | F                       | Maintained hedgerow.  | 1.6                | 40+                                    | B2                 | Removal                                 |
| G116a | Hawthorn, Crataegus monogyna, Blackthorn, Prunus spinosa   | 1          | 130            | 0.5 - 0.5 - 0.5 - 0.5      | 0       | 0       | EM         | F                          | F                       | Maintained hedgerow.  | 1.6                | 40+                                    | B2                 | At risk of removal but aiming to retain |
| G117a | Hawthorn, Crataegus monogyna, Blackthorn, Prunus spinosa   | 1          | 130            | 0.5 - 0.5 - 0.5 - 0.5      | 0       | 0       | EM         | F                          | F                       | Maintained hedgerow.  | 1.6                | 40+                                    | B2                 | Removal                                 |
| G118a | Hawthorn, Crataegus monogyna, Blackthorn, Prunus spinosa   | 4.5        | 130            | 0.5 - 0.5 - 0.5 - 0.5      | 0       | 0       | EM         | F                          | F                       | Maintained hedgerow, 33kv pole in hedge, pipeline in hedge ref 17.01. | 1.6                | 40+                                    | B2                 | Partial removal                         |
| G119a | Hawthorn, Crataegus monogyna, Sycamore, Acer pseudoplatanus, Blackthorn, Prunus spinosa  | 2          | 130            | 0.5 - 0.5 - 0.5 - 0.5      | 0       | 0       | EM         | F                          | F                       | Maintained hedgerow.  | 1.6                | 40+                                    | B2                 | Partial removal                         |
| T120a | Ash, Fraxinus excelsior  | 7          | 450e           | 1 - 3 - 1 - 1              | 2       | 2       | EM         | P                          | U                       | Main stem snapped out at 7m, held up in surrounding canopies.         | 5.4                | <10                                    | U                  | At risk of removal but aiming to retain |
| T121a | English Elm, Ulmus procera   | 8          | 350e           | 4 - 4 - 4 - 4              | 3       | 2       | SM         | D                          | P                       | Dead elm.   | 4.2                | <10                                    | U                  | At risk of removal but aiming to retain |



| Ref.  | Species   | Height (m) | Stem Dia. (mm) | Crown Spread<br>N, E, S, W | LCH (m) | LBH (m) | Life Stage | Physiological<br>Condition | Structural<br>Condition | Tree Condition Notes & Observations   | RPA<br>Rad.<br>(m) | Estimated<br>Remaining<br>Contribution | BS5837<br>Category | Impact                                  |
|-------|---|------------|----------------|----------------------------|---------|---------|------------|----------------------------|-------------------------|---|--------------------|--|--------------------|---|
| G134a | Sycamore, Acer pseudoplatanus, Holly, Ilex aquifolium, Hawthorn, Crataegus monogyna, English Oak, Quercus robur | 16         | 400            | 5 - 5 - 5 - 5              | 0       | 0       | EM         | F                          | F                       | On edge of steep bank that drops to the road, mostly sycamore often multi stem from base, pruning from 11kv overheads on northeast side of group, prolific ivy on some stems. | 4.8                | 40+                                    | B2                 | At risk of removal but aiming to retain |
| G135a | Hawthorn, Crataegus monogyna  | 6          | 90             | 1 - 1 - 2 - 1              | 0       | 0       | EM         | F                          | F                       | Hedgerow, 11kv overhead, stems covered in ivy.  | 1.1                | 40+                                    | C2                 | At risk of removal but aiming to retain |
| G136a | Blackthorn, Prunus spinosa  | 6          | 90             | 1 - 1 - 2 - 1              | 0       | 0       | EM         | F                          | F                       | Hedgerow and suckering stems, stems covered in ivy.   | 1.1                | 40+                                    | C2                 | At risk of removal but aiming to retain |
| G137a | Hawthorn, Crataegus monogyna, Holly, Ilex aquifolium, Elder, Sambucus nigra, Blackthorn, Prunus spinosa         | 2          | 90             | 0.5 - 0.5 - 0.5 - 0.5      | 0       | 0       | EM         | F                          | F                       | Maintained hedgerow.  | 1.1                | 40+                                    | B2                 | At risk of removal but aiming to retain |
| G138a | Hawthorn, Crataegus monogyna, Holly, Ilex aquifolium, Elder, Sambucus nigra, Blackthorn, Prunus spinosa         | 2          | 90             | 0.5 - 0.5 - 0.5 - 0.5      | 0       | 0       | EM         | F                          | F                       | Maintained hedgerow.  | 1.1                | 40+                                    | B2                 | Partial removal                         |
| G139a | Hawthorn, Crataegus monogyna, Holly, Ilex aquifolium, Elder, Sambucus nigra, Blackthorn, Prunus spinosa         | 2          | 90             | 0.5 - 0.5 - 0.5 - 0.5      | 0       | 0       | EM         | F                          | F                       | Maintained hedgerow.  | 1.1                | 40+                                    | B2                 | Retained with Protection Measures       |
| G140a | Hawthorn, Crataegus monogyna, Holly, Ilex aquifolium, Elder, Sambucus nigra, Blackthorn, Prunus spinosa         | 1          | 90             | 0.5 - 0.5 - 0.5 - 0.5      | 0       | 0       | EM         | F                          | F                       | Maintained hedgerow.  | 1.1                | 40+                                    | B2                 | At risk of removal but aiming to retain |

| Ref.  | Species  | Height (m) | Stem Dia. (mm) | Crown Spread N, E, S, W | LCH (m) | LBH (m) | Life Stage | Physiological Condition | Structural Condition | Tree Condition Notes & Observations  | RPA Rad. (m) | Estimated Remaining Contribution | BS5837 Category | Impact                                  |
|-------|--|------------|----------------|-------------------------|---------|---------|------------|-------------------------|----------------------|--|--------------|----------------------------------|-----------------|---|
| G141a | Hawthorn, Crataegus monogyna, Holly, Ilex aquifolium, Elder, Sambucus nigra, Blackthorn, Prunus spinosa      | 2          | 90             | 0.5 - 0.5 - 0.5 - 0.5   | 0       | 0       | EM         | F                       | F                    | Maintained hedgerow, 11kv pole in hedge at Eastern end of group, mostly holly. | 1.1          | 40+                              | B2              | At risk of removal but aiming to retain |
| G142a | Hawthorn, Crataegus monogyna, Holly, Ilex aquifolium, Elder, Sambucus nigra                                  | 8          | 100e           | 0.5 - 0.5 - 0.5 - 0.5   | 0       | 0       | EM         | F                       | F                    | Mostly holly, 11kv close to west edge of group, sides of hedge maintained.     | 1.2          | 40+                              | B2              | Partial removal                         |
| G143a | Hawthorn, Crataegus monogyna, Holly, Ilex aquifolium, Elder, Sambucus nigra, Blackthorn, Prunus spinosa      | 2          | 90             | 0.5 - 0.5 - 0.5 - 0.5   | 0       | 0       | EM         | F                       | F                    | Maintained hedgerow, 11kv pole in hedge at Eastern end of group, mostly holly. | 1.1          | 40+                              | B2              | Partial removal                         |
| G144a | Hawthorn, Crataegus monogyna, Holly, Ilex aquifolium, Elder, Sambucus nigra, Blackthorn, Prunus spinosa      | 1.5        | 90             | 0.5 - 0.5 - 0.5 - 0.5   | 0       | 0       | EM         | F                       | F                    | Maintained hedgerow, 11kv pole in hedge at Eastern end of group, mostly holly. | 1.1          | 40+                              | B2              | Retained with Protection Measures       |
| G145a | Wild Cherry, Prunus avium, Common Walnut, Juglans regia, Norway spruce, Picea abies, Rowan, Sorbus aucuparia | 8          | 250e           | 3 - 3 - 3 - 3           | 1       | 0       | SM         | F                       | F                    | 1 walnut 1 spruce 4 cherry 1 rowan, on private land offsite.                   | 3.0          | 40+                              | B2              | At risk of removal but aiming to retain |
| G149  | Hawthorn, Crataegus monogyna   | 3          | 90             | 0.5 - 0.5 - 0.5 - 0.5   | 0       | 0       | SM         | F                       | F                    | Maintained hedgerow.   | 1.1          | 40+                              | B2              | At risk of removal but aiming to retain |
| G150  | Hawthorn, Crataegus monogyna, Sycamore, Acer pseudoplatanus, Blackthorn, Prunus spinosa                      | 2          | 130            | 0.5 - 0.5 - 0.5 - 0.5   | 0       | 0       | EM         | F                       | F                    | Maintained hedgerow.   | 1.6          | 40+                              | B2              | At risk of removal but aiming to retain |

| Ref. | Species   | Height (m) | Stem Dia. (mm) | Crown Spread N, E, S, W | LCH (m) | LBH (m) | Life Stage | Physiological Condition | Structural Condition | Tree Condition Notes & Observations  | RPA Rad. (m) | Estimated Remaining Contribution | BS5837 Category | Impact                                  |
|------|---|------------|----------------|-------------------------|---------|---------|------------|-------------------------|----------------------|--|--------------|----------------------------------|-----------------|---|
| G151 | Hawthorn, Crataegus monogyna, Sycamore, Acer pseudoplatanus, Blackthorn, Prunus spinosa                         | 2          | 130            | 0.5 - 0.5 - 0.5 - 0.5   | 0       | 0       | EM         | F                       | F                    | Maintained hedgerow.   | 1.6          | 40+                              | B2              | At risk of removal but aiming to retain |
| G152 | Sycamore, Acer pseudoplatanus, Holly, Ilex aquifolium, Hawthorn, Crataegus monogyna, English Oak, Quercus robur | 16         | 400            | 5 - 5 - 5 - 5           | 0       | 0       | EM         | F                       | F                    | On edge of steep bank that drops to the road. Mostly sycamore. Often multi stem from base. Pruning from 11kv overheads on northeast side of group. Prolific ivy on some stems. | 4.8          | 40+                              | B2              | At risk of removal but aiming to retain |
| G153 | Holly, Ilex aquifolium, Hawthorn, Crataegus monogyna, Hazel, Corylus avellana, Sycamore, Acer pseudoplatanus    | 14         | 200            | 3 - 3 - 3 - 3           | 0       | 0       | EM         | F                       | F                    | Growing on descending bank. 11kv overhead cables.  | 2.4          | 40+                              | C2              | At risk of removal but aiming to retain |
| T154 | Ash, Fraxinus excelsior   | 8          | 250            | 5 - 4 - 1 - 1           | 2       | 3       | SM         | F                       | F                    | Stem grown up against BT pole. Pruned heavily from BT cables on south and west sides of canopy.  | 3.0          | 10-20                            | C2              | At risk of removal but aiming to retain |
| T155 | Sycamore, Acer pseudoplatanus   | 14         | 280            | 5 - 6 - 2 - 5           | 3       | 0       | SM         | G                       | F                    | Three stems of 280, 230, 200 grown against BT pole. Heavily pruned from road and BT cables on south side of canopy.  | 3.4          | 20-40                            | C2              | At risk of removal but aiming to retain |
| T156 | Ash, Fraxinus excelsior   | 8          | 250            | 3 - 3 - 3 - 3           | 0       | 0       | SM         | F                       | F                    | Grown in hedge. Against BT pole. Pruned from BT cables in west side of canopy.   | 3.0          | 10-20                            | C2              | At risk of removal but aiming to retain |
| T157 | Ash, Fraxinus excelsior   | 8          | 250            | 3 - 3 - 3 - 3           | 0       | 0       | SM         | F                       | F                    | Grown in hedge. Against BT pole. Pruned from BT cables in west side of canopy.   | 3.0          | 10-20                            | C2              | At risk of removal but aiming to retain |
| T158 | Ash, Fraxinus excelsior   | 10         | 250            | 3 - 3 - 3 - 3           | 0       | 0       | SM         | F                       | F                    | Grown in hedge. Against BT pole. Pruned from BT cables in west side of canopy.   | 3.0          | 10-20                            | C2              | At risk of removal but aiming to retain |
| T159 | English Oak, Quercus robur  | 20         | 630            | 8 - 8 - 8 - 5           | 4       | 6       | EM         | F                       | F                    | Growing on road side bank. Prolific ivy throughout canopy. Moderate deadwood up to 12m on west side of main stem.  | 7.6          | 40+                              | B2              | At risk of removal but aiming to retain |
| T160 | Wych Elm, Ulmus glabra  | 16         | 550            | 8 - 8 - 8 - 8           | 6       | 4       | EM         | G                       | G                    | Prolific ivy throughout canopy. Twin stem from 4m. Moderate deadwood in central canopy on main stem.   | 6.6          | 10-20                            | A2              | At risk of removal but aiming to retain |

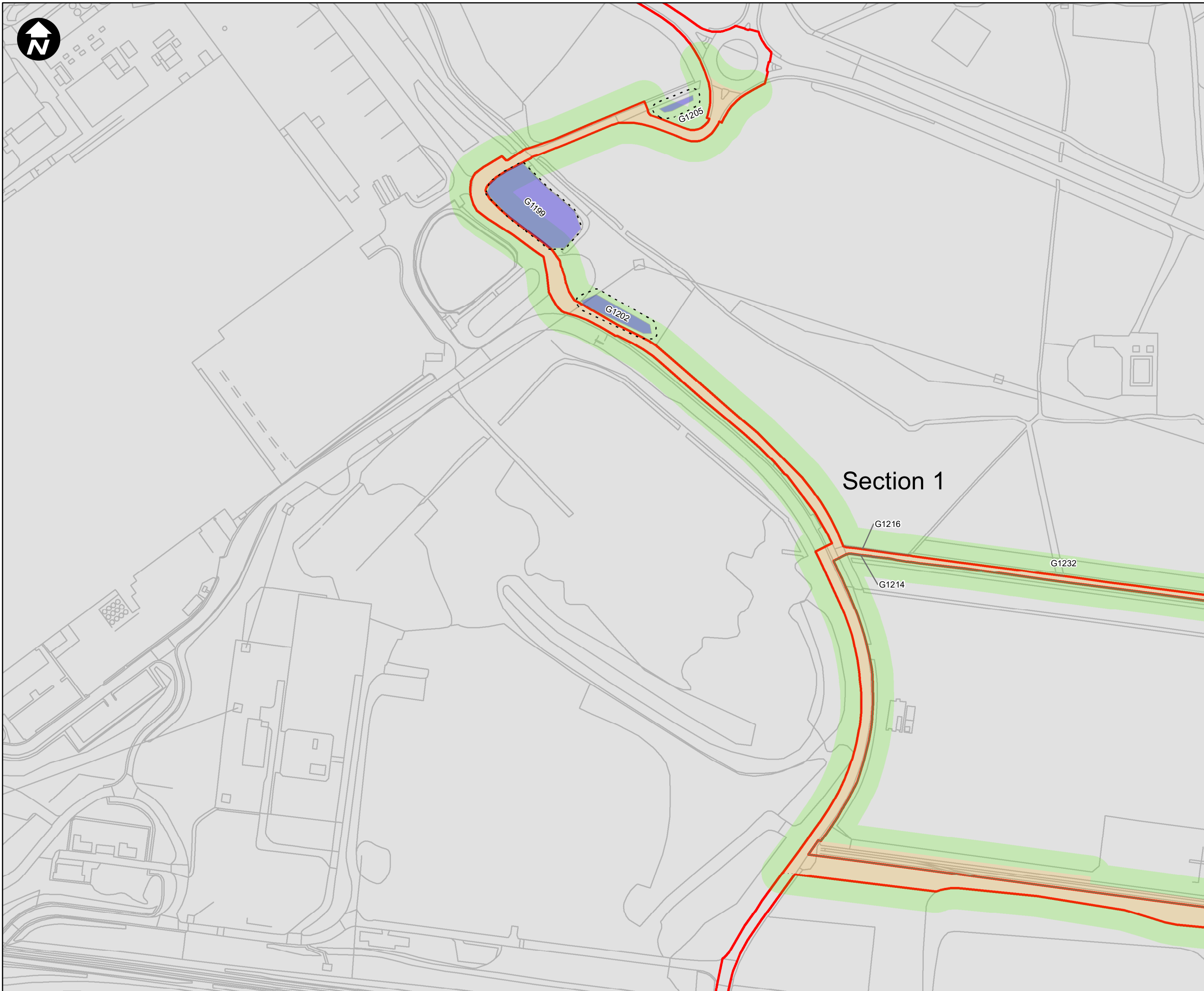
| Ref.  | Species   | Height (m) | Stem Dia. (mm) | Crown Spread<br>N, E, S, W | LCH (m) | LBH (m) | Life Stage | Physiological<br>Condition | Structural<br>Condition | Tree Condition Notes & Observations   | RPA<br>Rad.<br>(m) | Estimated<br>Remaining<br>Contribution | BS5837<br>Category | Impact                                  |
|-------|---|------------|----------------|----------------------------|---------|---------|------------|----------------------------|-------------------------|---|--------------------|--|--------------------|---|
| T161  | Sycamore, <i>Acer pseudoplatanus</i>                                | 20         | 600            | 9 - 9 - 9 - 9              | 3       | 5       | M          | G                          | G                       | Prolific ivy throughout canopy.   | 7.2                | 40+                                    | B2                 | At risk of removal but aiming to retain |
| G1325 | Hawthorn, <i>Crataegus monogyna</i> , Holly, <i>Ilex aquifolium</i> | 2          | 75             | 0.5 - 0.5 - 0.5 - 0.5      | 0       | 0       | EM         | G                          | G                       | Maintained hedgerow, 11kv conductors running east-west through hedge.   | 0.9                | 20-40                                  | B2                 | At risk of removal but aiming to retain |
| G1326 | Hawthorn, <i>Crataegus monogyna</i> , Holly, <i>Ilex aquifolium</i> | 2          | 75             | 0.5 - 0.5 - 0.5 - 0.5      | 0       | 0       | EM         | G                          | G                       | Maintained hedgerow.  | 0.9                | 20-40                                  | B2                 | At risk of removal but aiming to retain |
| T1327 | English Oak, <i>Quercus robur</i>                                   | 14         | 860            | 6 - 7 - 6 - 6              | 2       | 2       | M          | G                          | G                       | Major dead stem at 3m on south side of stem.  | 10.3               | 40+                                    | B2                 | At risk of removal but aiming to retain |
| G1328 | Hawthorn, <i>Crataegus monogyna</i> , Holly, <i>Ilex aquifolium</i> | 2          | 75             | 0.5 - 0.5 - 0.5 - 0.5      | 0       | 0       | EM         | G                          | G                       | Maintained hedgerow.  | 0.9                | 20-40                                  | B2                 | At risk of removal but aiming to retain |
| T1344 | English Oak, <i>Quercus robur</i>                                   | 17         | 920e           | 6 - 6 - 6 - 6              | 3       | 3       | M          | G                          | G                       | Ivy on stem to 15m, in hedgerow obscuring inspection.   | 11.0               | 40+                                    | B2                 | At risk of removal but aiming to retain |
| T1330 | English Oak, <i>Quercus robur</i>                                   | 15         | 950e           | 6 - 7 - 6 - 6              | 2.5     | 2.5     | M          | F                          | F                       | Uncharacteristic epicormic growth in top of canopy to north-east side, in hedgerow obscuring inspection, two moderate stems of deadwood in central canopy at 3m.  | 11.4               | 40+                                    | B2                 | Retained with Protection Measures       |
| G1329 | Hawthorn, <i>Crataegus monogyna</i> , Holly, <i>Ilex aquifolium</i> | 2          | 75             | 0.5 - 0.5 - 0.5 - 0.5      | 0       | 0       | EM         | G                          | G                       | Maintained hedgerow.  | 0.9                | 20-40                                  | B2                 | At risk of removal but aiming to retain |
| G1331 | English Oak, <i>Quercus robur</i>                                   | 15         | 850e           | 7 - 8 - 4 - 7              | 2       | 2       | M          | G                          | G                       | Moderate deadwood in northern tree on main stem at 5-8m, cavity at base and at 2.5m on north side of stem of south tree and lead stem including union with decay to heartwood with cavity, potential bat habitat. | 10.2               | 40+                                    | B2                 | Retained with Protection Measures       |
| T1332 | Ash, <i>Fraxinus excelsior</i>                                      | 17         | 260            | 7 - 7 - 7 - 7              | 2       | 0       | M          | G                          | F                       | Old coppice at 0.5m, cavity at base of coppice, 5 stems   | 3.1                | 10-20                                  | B2                 | Retained with Protection Measures       |
| T1333 | English Oak, <i>Quercus robur</i>                                   | 14         | 850            | 7 - 8 - 5 - 7              | 2       | 3       | M          | G                          | G                       | Major deadwood at 3m on west side of stem   | 10.2               | 40+                                    | B2                 | Retained with Protection Measures       |
| T1334 | English Oak, <i>Quercus robur</i>                                   | 17         | 850e           | 8 - 8 - 4 - 5              | 2       | 1       | M          | G                          | G                       | In hedgerow obscuring inspection.   | 10.2               | 40+                                    | B2                 | Retained with Protection Measures       |
| G1335 | Hawthorn, <i>Crataegus monogyna</i> , Holly, <i>Ilex aquifolium</i> | 2          | 75             | 0.5 - 0.5 - 0.5 - 0.5      | 0       | 0       | EM         | G                          | G                       | Maintained hedgerow.  | 0.9                | 20-40                                  | B2                 | At risk of removal but aiming to retain |

| Ref.  | Species  | Height (m) | Stem Dia. (mm) | Crown Spread<br>N, E, S, W | LCH (m) | LBH (m) | Life Stage | Physiological<br>Condition | Structural<br>Condition | Tree Condition Notes & Observations  | RPA<br>Rad.<br>(m) | Estimated<br>Remaining<br>Contribution | BS5837<br>Category | Impact                                  |
|-------|--|------------|----------------|----------------------------|---------|---------|------------|----------------------------|-------------------------|--|--------------------|--|--------------------|---|
| T1336 | Ash, <i>Fraxinus excelsior</i>   | 16         | 680            | 7 - 8 - 7 - 8              | 5       | 1       | M          | F                          | F                       | Old pollard at 1m, prolific ivy on stem to 12m, moderate deadwood throughout canopy, uncharacteristic epicormic growth throughout canopy, decay cavities at base of pollard where old stems would have been located. | 8.2                | 10-20                                  | B2                 | Retained with Protection Measures       |
| T1337 | Ash, <i>Fraxinus excelsior</i>   | 20         | 620            | 7 - 4 - 7 - 7              | 5       | 4       | M          | F                          | F                       | Prolific ivy on stem to 18m obscuring inspection, epicormic growth on tips of branches throughout canopy consistent with response to ash dieback.  | 7.4                | 10-20                                  | B2                 | Retained with Protection Measures       |
| G1338 | Hawthorn, <i>Crataegus monogyna</i> , Holly, <i>Ilex aquifolium</i>  | 3          | 75             | 0.5 - 0.5 - 0.5 - 0.5      | 0       | 0       | EM         | G                          | G                       | Maintained hedgerow.   | 0.9                | 20-40                                  | B2                 | At risk of removal but aiming to retain |
| G1339 | Hawthorn, <i>Crataegus monogyna</i> , Holly, <i>Ilex aquifolium</i>  | 2          | 75             | 0.5 - 0.5 - 0.5 - 0.5      | 0       | 0       | EM         | G                          | G                       | Maintained hedgerow, 11kv conductors running east-west through hedge.  | 0.9                | 20-40                                  | B2                 | Partial removal                         |
| T1340 | English Oak, <i>Quercus robur</i>  | 12         | 530            | 6 - 6 - 6 - 6              | 2       | 0       | EM         | G                          | G                       | Two stems, ivy on stems to 9m, in hedgerow obscuring inspection.   | 6.4                | 40+                                    | B2                 | At risk of removal but aiming to retain |
| T1341 | English Oak, <i>Quercus robur</i>  | 15         | 600e           | 6 - 6 - 6 - 6              | 2       | 5       | EM         | G                          | G                       | Ivy on stem to 10m, in hedgerow obscuring inspection.  | 7.2                | 40+                                    | B2                 | At risk of removal but aiming to retain |
| G1342 | Hawthorn, <i>Crataegus monogyna</i> , Holly, <i>Ilex aquifolium</i>  | 3          | 75             | 0.5 - 0.5 - 0.5 - 0.5      | 0       | 0       | EM         | G                          | G                       | Maintained hedgerow.   | 0.9                | 20-40                                  | B2                 | Retained with Protection Measures       |
| G1343 | Blackthorn, <i>Prunus spinosa</i> , Hawthorn, <i>Crataegus monogyna</i> , Holly, <i>Ilex aquifolium</i> , Hazel, <i>Corylus avellana</i> , Alder, <i>Alnus glutinosa</i> | 7          | 200av          | 1 - 1 - 1 - 1              | 0       | 0       | SM         | F                          | F                       | Unmaintained hedgerow.   | 2.4                | 10-20                                  | C2                 | Retained with Protection Measures       |

| Ref.  | Species   | Height (m) | Stem Dia. (mm) | Crown Spread<br>N, E, S, W | LCH (m) | LBH (m) | Life Stage | Physiological<br>Condition | Structural<br>Condition | Tree Condition Notes & Observations | RPA<br>Rad.<br>(m) | Estimated<br>Remaining<br>Contribution | BS5837<br>Category | Impact                            |
|-------|---|------------|----------------|----------------------------|---------|---------|------------|----------------------------|-------------------------|-------------------------------------|--------------------|--|--------------------|-----------------------------------|
| G1345 | English Oak, Quercus robur, Ash, Fraxinus excelsior, Wild Cherry, Prunus avium, Sycamore, Acer pseudoplatanus, Alder, Alnus glutinosa, English Elm, Ulmus procera, Norway Maple, Acer platanoides | 20         | 550av          | 7 - 7 - 7 - 7              | 2       | 2       | M          | G                          | G                       | Woodland on embankment.             | 6.6                | 40+                                    | B1                 | Retained with Protection Measures |

# ANNEX D – PRELIMINARY CONSTRAINTS AND IMPACTS PLAN

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**Key:**

- New Infrastructure Development Boundary
- Areas Not Surveyed
- Proposed Sections

**BS 5837 Tree Category Grading**

|  |  |
|--|--|
| <span style="color: green;">●</span> A | <span style="background-color: lightgreen; border: 1px solid black; width: 15px; height: 10px; margin-right: 5px;"></span> A |
| <span style="color: blue;">●</span> B  | <span style="background-color: lightblue; border: 1px solid black; width: 15px; height: 10px; margin-right: 5px;"></span> B  |
| <span style="color: grey;">●</span> C  | <span style="background-color: lightgrey; border: 1px solid black; width: 15px; height: 10px; margin-right: 5px;"></span> C  |
| <span style="color: red;">●</span> U   | <span style="background-color: lightred; border: 1px solid black; width: 15px; height: 10px; margin-right: 5px;"></span> U   |

- Preliminary Removals
- Root Protection Areas (RPA)
- Root Protection Areas (RPA)

**Veteran Trees - RPA's**

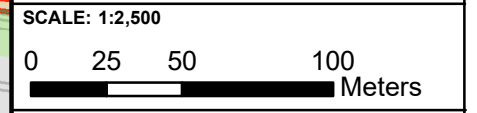
- Veteran Tree to be Retained
- Veteran Tree at Risk, aiming to Retain

**Preliminary RAG Impact Assessment**

- Red - Removed
- Amber - At Risk
- Green - Retained

**Constructions Layers**

- Proposed Development Design
- Trenchless Crossing
- Centralised Compound
- Open-cut trench Crossings
- Trenchless Crossing Compound
- Construction Access – Existing Access Point
- Construction Access – New Access Point
- Localised Compound



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**HyNet North West**

**PROJECT TITLE**  
**HyNet Carbon Dioxide Pipeline DCO**

**DRAWING TITLE**  
**Preliminary Constraints and Impacts Plan**  
**Page 1 of 46**

**DRAWING STATUS**  
 Final for DCO Examination - submitted at Deadline 7

|                    |                      |                       |                         |
|--------------------|----------------------|-----------------------|-------------------------|
| <b>DRAWN</b><br>AB | <b>CHECKED</b><br>JH | <b>APPROVED</b><br>MW | <b>AUTHORISED</b><br>DC |
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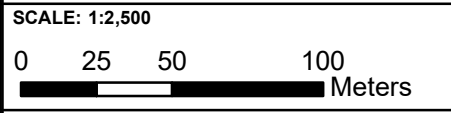




# Section 1

### Key:

- New Infrastructure Development Boundary
- Areas Not Surveyed
- Proposed Sections
- BS 5837 Tree Category Grading**
- A A
- B B
- C C
- U U
- Preliminary Removals
- Root Protection Areas (RPA)**
- Root Protection Areas (RPA)
- Veteran Trees - RPA's**
- Veteran Tree to be Retained
- Veteran Tree at Risk, aiming to Retain
- Preliminary RAG Impact Assessment**
- Red - Removed
- Amber - At Risk
- Green - Retained
- Constructions Layers**
- Proposed Development Design
- Trenchless Crossing
- Centralised Compound
- Open-cut trench Crossings
- Trenchless Crossing Compound
- Construction Access - Existing Access Point
- Construction Access - New Access Point
- Localised Compound



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## HyNet North West

PROJECT TITLE  
**HyNet Carbon Dioxide Pipeline DCO**

DRAWING TITLE  
**Preliminary Constraints and Impacts Plan  
Page 2 of 46**

DRAWING STATUS  
Final for DCO Examination - submitted at Deadline 7

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|-------|---------|----------|------------|
| DRAWN | CHECKED | APPROVED | AUTHORISED |
| AB    | JH      | MW       | DC         |

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| 1:2,500         | 05/09/2023 | D        |

DRAWING NUMBER  
EN070007-APP-ES-9.11.1-Sheet 2



**Key:**

- New Infrastructure Development Boundary
- Areas Not Surveyed
- Proposed Sections

**BS 5837 Tree Category Grading**

|   |   |
|---|---|
| A | A |
| B | B |
| C | C |
| U | U |

- Preliminary Removals
- Root Protection Areas (RPA)**
  - Root Protection Areas (RPA)
- Veteran Trees - RPA's**
  - Veteran Tree to be Retained
  - Veteran Tree at Risk, aiming to Retain
- Preliminary RAG Impact Assessment**
  - Red - Removed
  - Amber - At Risk
  - Green - Retained
- Constructions Layers**
  - Proposed Development Design
  - Trenchless Crossing
  - Centralised Compound
  - Open-cut trench Crossings
  - Trenchless Crossing Compound
  - Construction Access - Existing Access Point
  - Construction Access - New Access Point
  - Localised Compound

**SCALE: 1:2,500**

0 25 50 100 Meters

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**HyNet North West**

**PROJECT TITLE**  
HyNet Carbon Dioxide Pipeline DCO

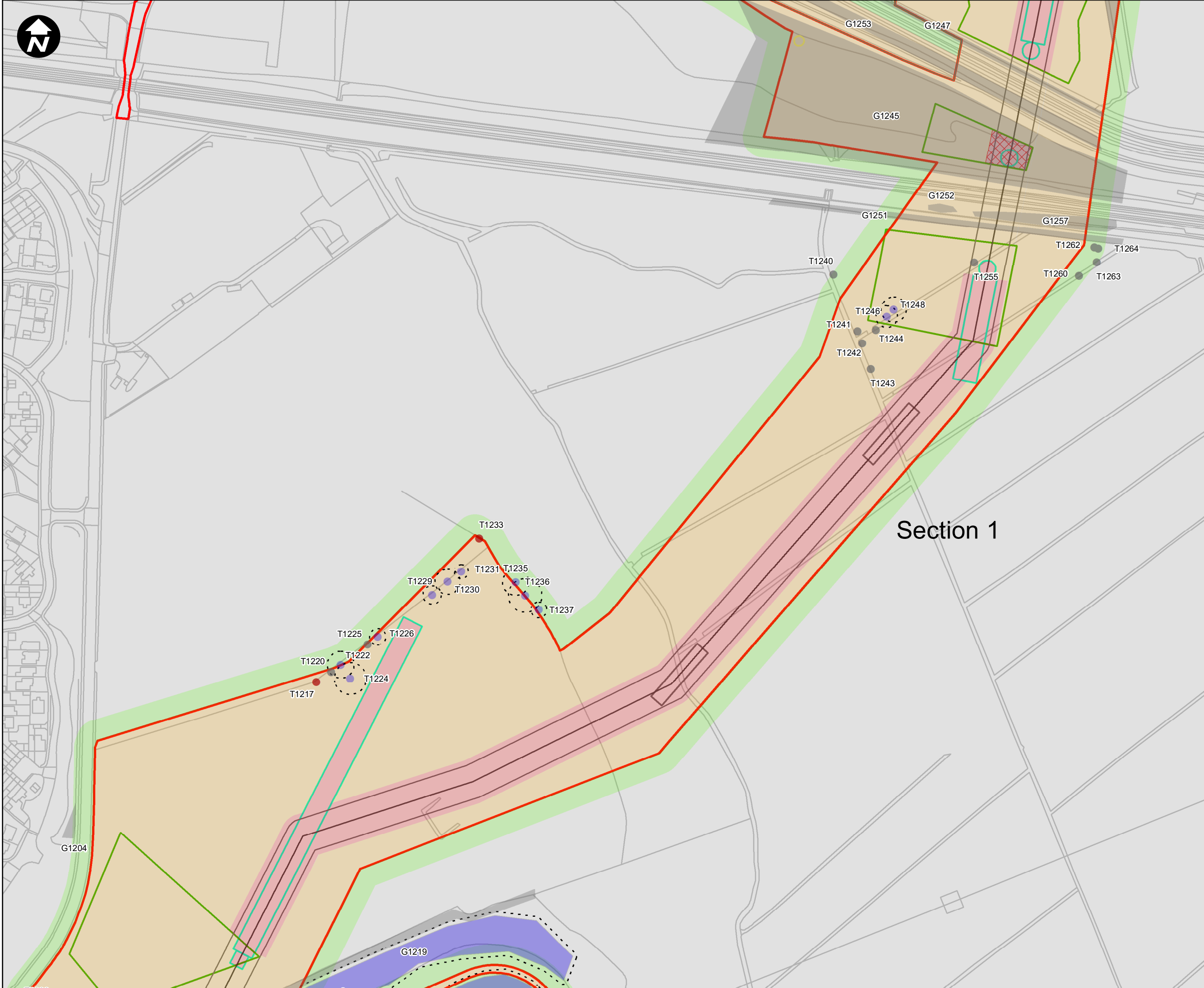
**DRAWING TITLE**  
Preliminary Constraints and Impacts Plan  
Page 3 of 46

**DRAWING STATUS**  
Final for DCO Examination - submitted at Deadline 7

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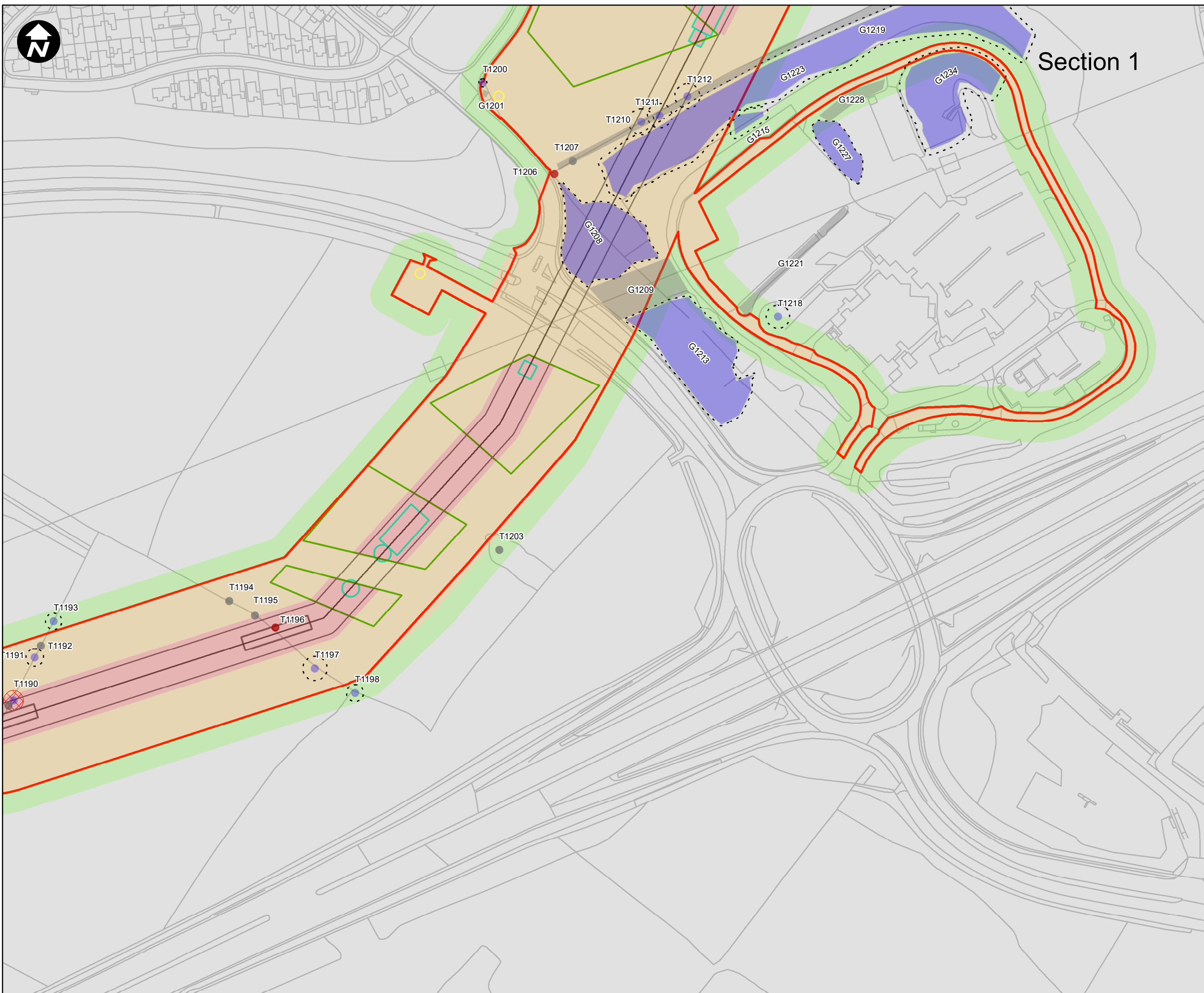
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**DRAWING NUMBER**  
EN070007-APP-ES-9.11.1-Sheet 3





# Section 1



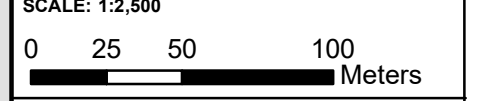
**Key:**

- New Infrastructure Development Boundary
- Areas Not Surveyed
- Proposed Sections

**BS 5837 Tree Category Grading**

|   |   |
|---|---|
| A | A |
| B | B |
| C | C |
| U | U |

- Preliminary Removals
- Root Protection Areas (RPA)
  - Root Protection Areas (RPA)
- Veteran Trees - RPA's
  - Veteran Tree to be Retained
  - Veteran Tree at Risk, aiming to Retain
- Preliminary RAG Impact Assessment
  - Red - Removed
  - Amber - At Risk
  - Green - Retained
- Constructions Layers
  - Proposed Development Design
  - Trenchless Crossing
  - Centralised Compound
  - Open-cut trench Crossings
  - Trenchless Crossing Compound
  - Construction Access - Existing Access Point
  - Construction Access - New Access Point
  - Localised Compound



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**PROJECT TITLE**  
HyNet Carbon Dioxide Pipeline DCO

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EN070007-APP-ES-9.11.1-Sheet 4



**Key:**

- New Infrastructure Development Boundary
- Areas Not Surveyed
- Proposed Sections

**BS 5837 Tree Category Grading**

- A
- B
- C
- U

**Preliminary Removes**

**Root Protection Areas (RPA)**

- Root Protection Areas (RPA)

**Veteran Trees - RPA's**

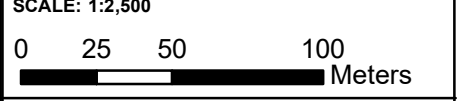
- Veteran Tree to be Retained
- Veteran Tree at Risk, aiming to Retain

**Preliminary RAG Impact Assessment**

- Red - Removed
- Amber - At Risk
- Green - Retained

**Constructions Layers**

- Proposed Development Design
- Trenchless Crossing
- Centralised Compound
- Open-cut trench Crossings
- Trenchless Crossing Compound
- Construction Access - Existing Access Point
- Construction Access - New Access Point
- Localised Compound



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**HyNet North West**

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**HyNet Carbon Dioxide Pipeline DCO**

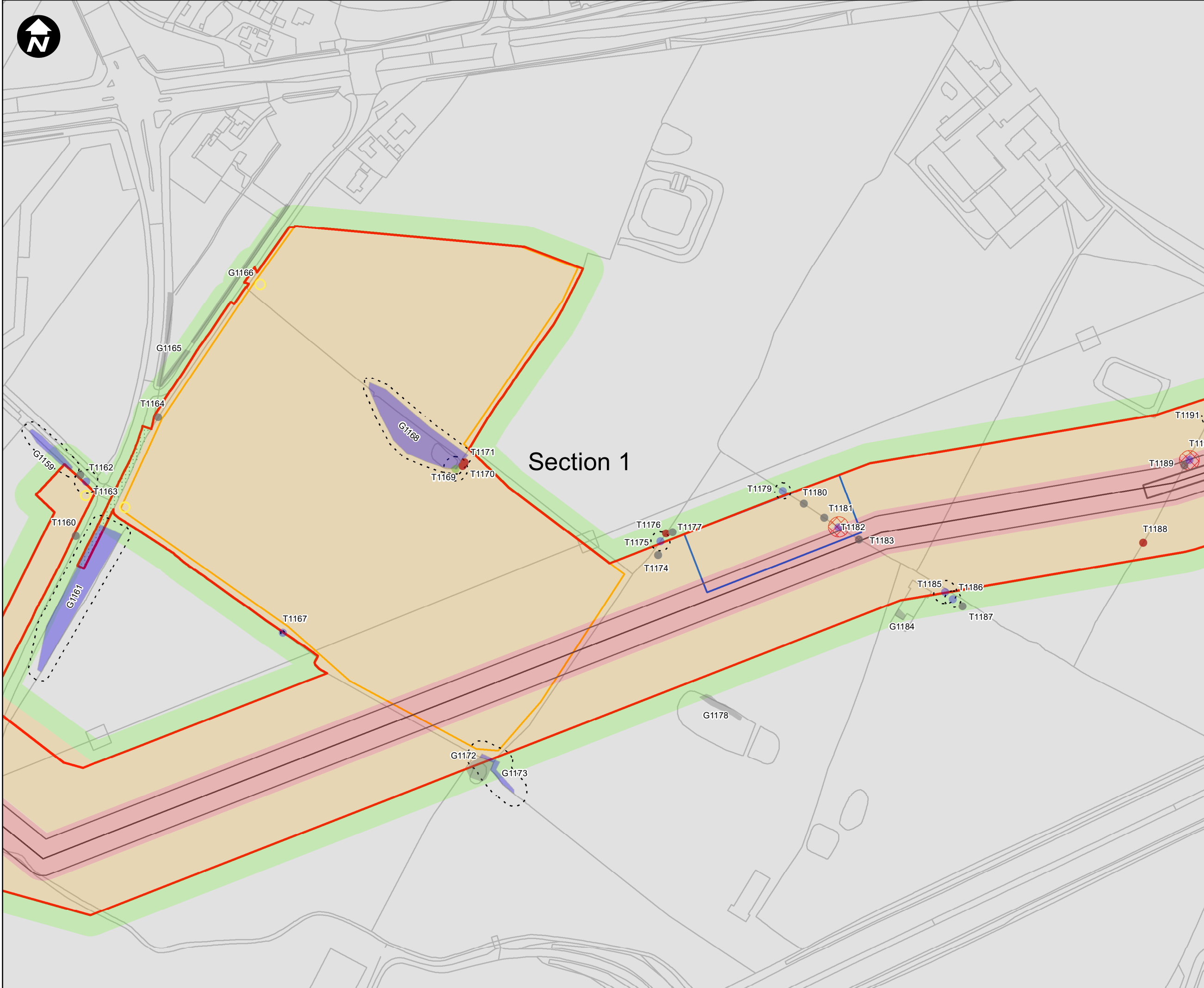
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**Key:**

- New Infrastructure Development Boundary
- Areas Not Surveyed
- Proposed Sections
- BS 5837 Tree Category Grading**
  - A
  - B
  - C
  - U
- Preliminary Removals
- Root Protection Areas (RPA)**
  - Root Protection Areas (RPA)
- Veteran Trees - RPA's**
  - Veteran Tree to be Retained
  - Veteran Tree at Risk, aiming to Retain
- Preliminary RAG Impact Assessment**
  - Red - Removed
  - Amber - At Risk
  - Green - Retained
- Constructions Layers**
  - Proposed Development Design
  - Trenchless Crossing
  - Centralised Compound
  - Open-cut trench Crossings
  - Trenchless Crossing Compound
  - Construction Access – Existing Access Point
  - Construction Access – New Access Point
  - Localised Compound



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# HyNet North West

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**HyNet Carbon Dioxide Pipeline DCO**

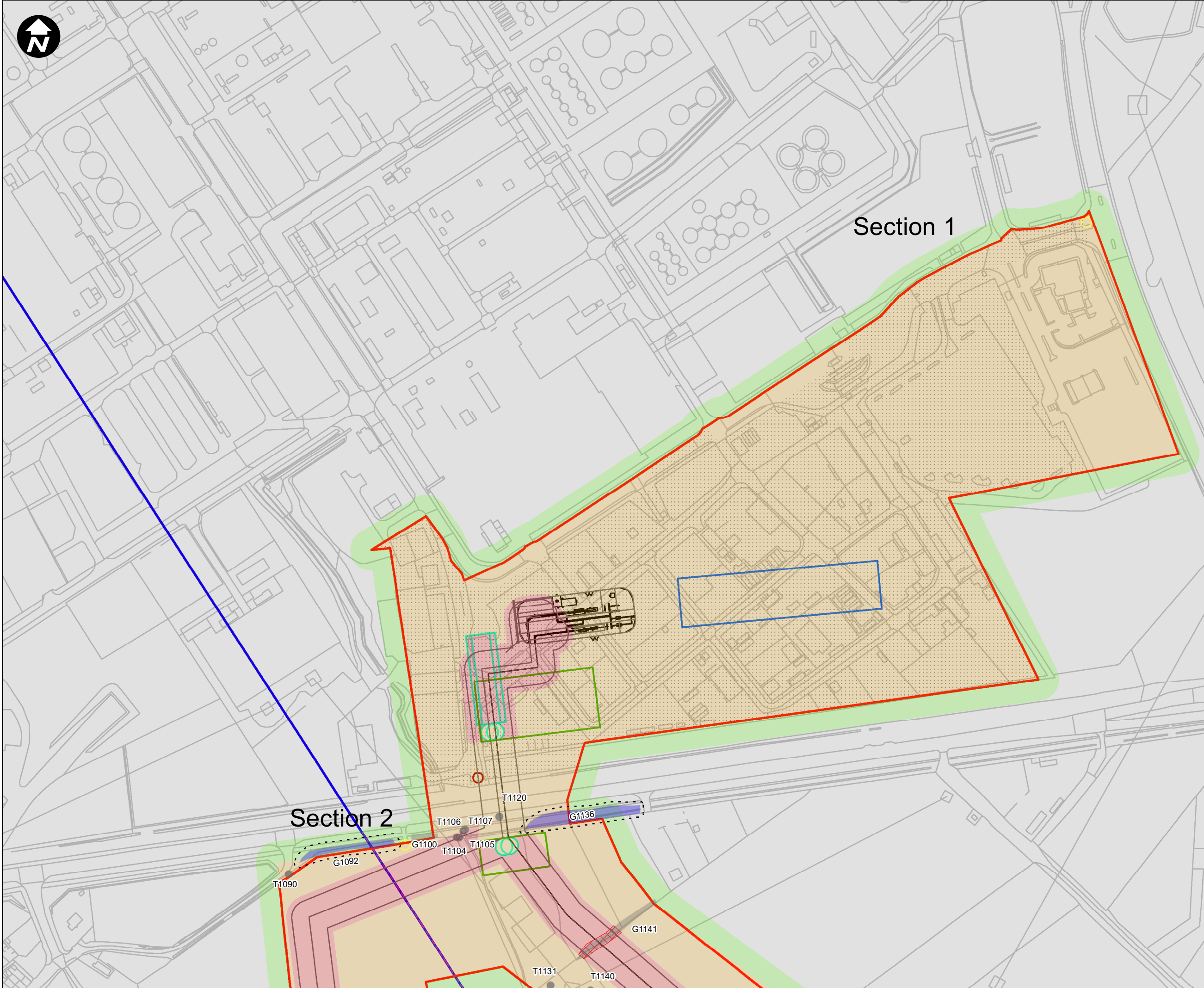
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**Preliminary Constraints and Impacts Plan**  
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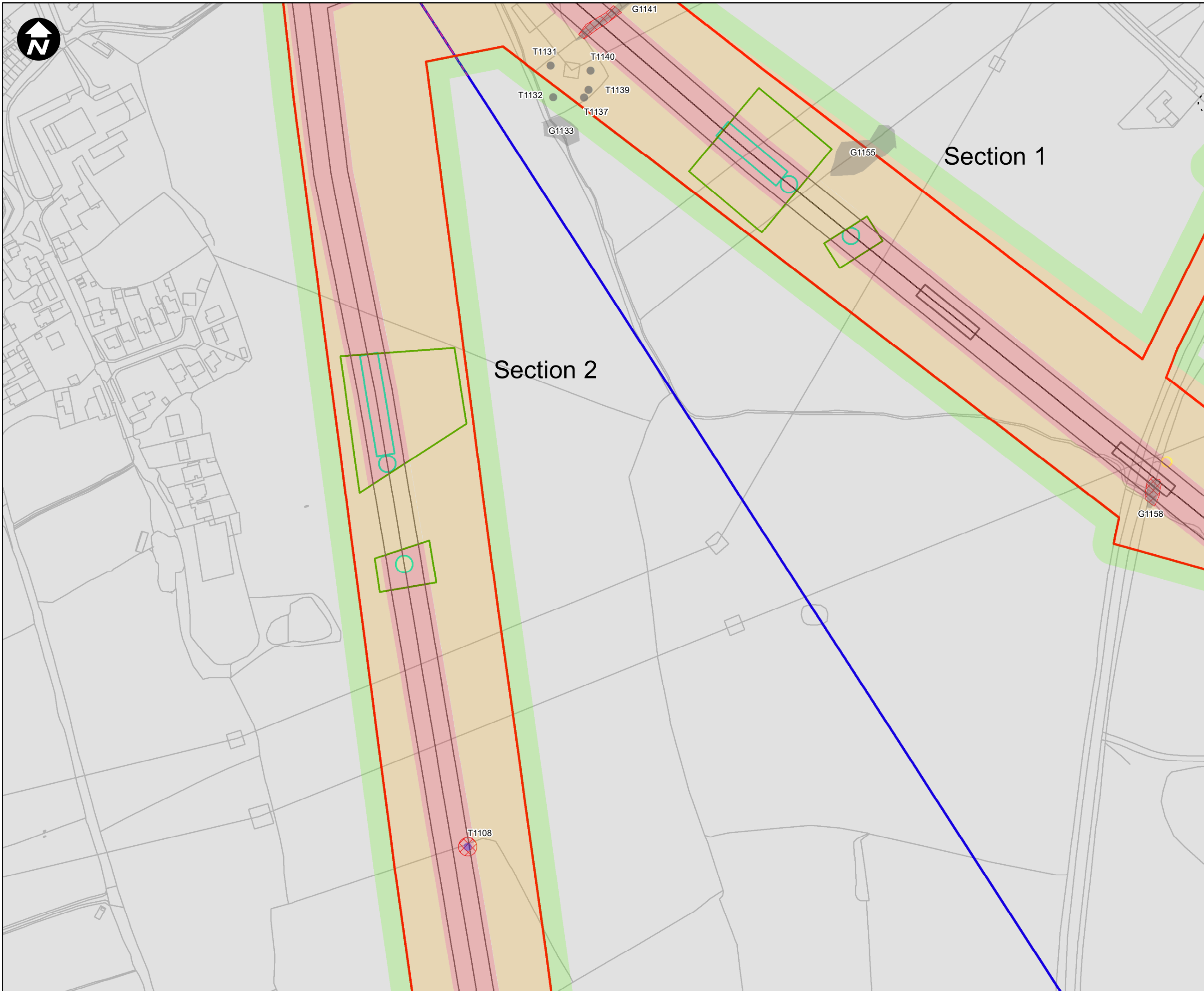
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EN070007-APP-ES-9.11.1-Sheet 6





**Key:**

- New Infrastructure Development Boundary
- Areas Not Surveyed
- Proposed Sections

**BS 5837 Tree Category Grading**

|  |  |
|--|--|
| <span style="color: green;">●</span> A | <span style="background-color: lightgreen; border: 1px solid green; display: inline-block; width: 10px; height: 10px;"></span> A |
| <span style="color: blue;">●</span> B  | <span style="background-color: lightblue; border: 1px solid blue; display: inline-block; width: 10px; height: 10px;"></span> B   |
| <span style="color: grey;">●</span> C  | <span style="background-color: lightgrey; border: 1px solid grey; display: inline-block; width: 10px; height: 10px;"></span> C   |
| <span style="color: red;">●</span> U   | <span style="background-color: lightred; border: 1px solid red; display: inline-block; width: 10px; height: 10px;"></span> U     |

- Preliminary Removes

**Root Protection Areas (RPA)**

- Root Protection Areas (RPA)

**Veteran Trees - RPA's**

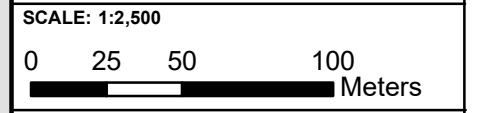
- Veteran Tree to be Retained
- Veteran Tree at Risk, aiming to Retain

**Preliminary RAG Impact Assessment**

- Red - Removed
- Amber - At Risk
- Green - Retained

**Constructions Layers**

- Proposed Development Design
- Trenchless Crossing
- Centralised Compound
- Open-cut trench Crossings
- Trenchless Crossing Compound
- Construction Access – Existing Access Point
- Construction Access – New Access Point
- Localised Compound



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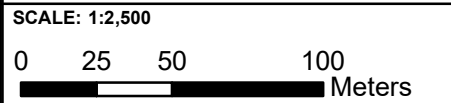
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EN070007-APP-ES-9.11.1-Sheet 7



**Key:**

- New Infrastructure Development Boundary
- Areas Not Surveyed
- Proposed Sections
- BS 5837 Tree Category Grading**
  - A
  - B
  - C
  - U
- Preliminary Removals
- Root Protection Areas (RPA)**
  - Root Protection Areas (RPA)
- Veteran Trees - RPA's**
  - Veteran Tree to be Retained
  - Veteran Tree at Risk, aiming to Retain
- Preliminary RAG Impact Assessment**
  - Red - Removed
  - Amber - At Risk
  - Green - Retained
- Constructions Layers**
  - Proposed Development Design
  - Trenchless Crossing
  - Centralised Compound
  - Open-cut trench Crossings
  - Trenchless Crossing Compound
  - Construction Access - Existing Access Point
  - Construction Access - New Access Point
  - Localised Compound



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HyNet Carbon Dioxide Pipeline DCO

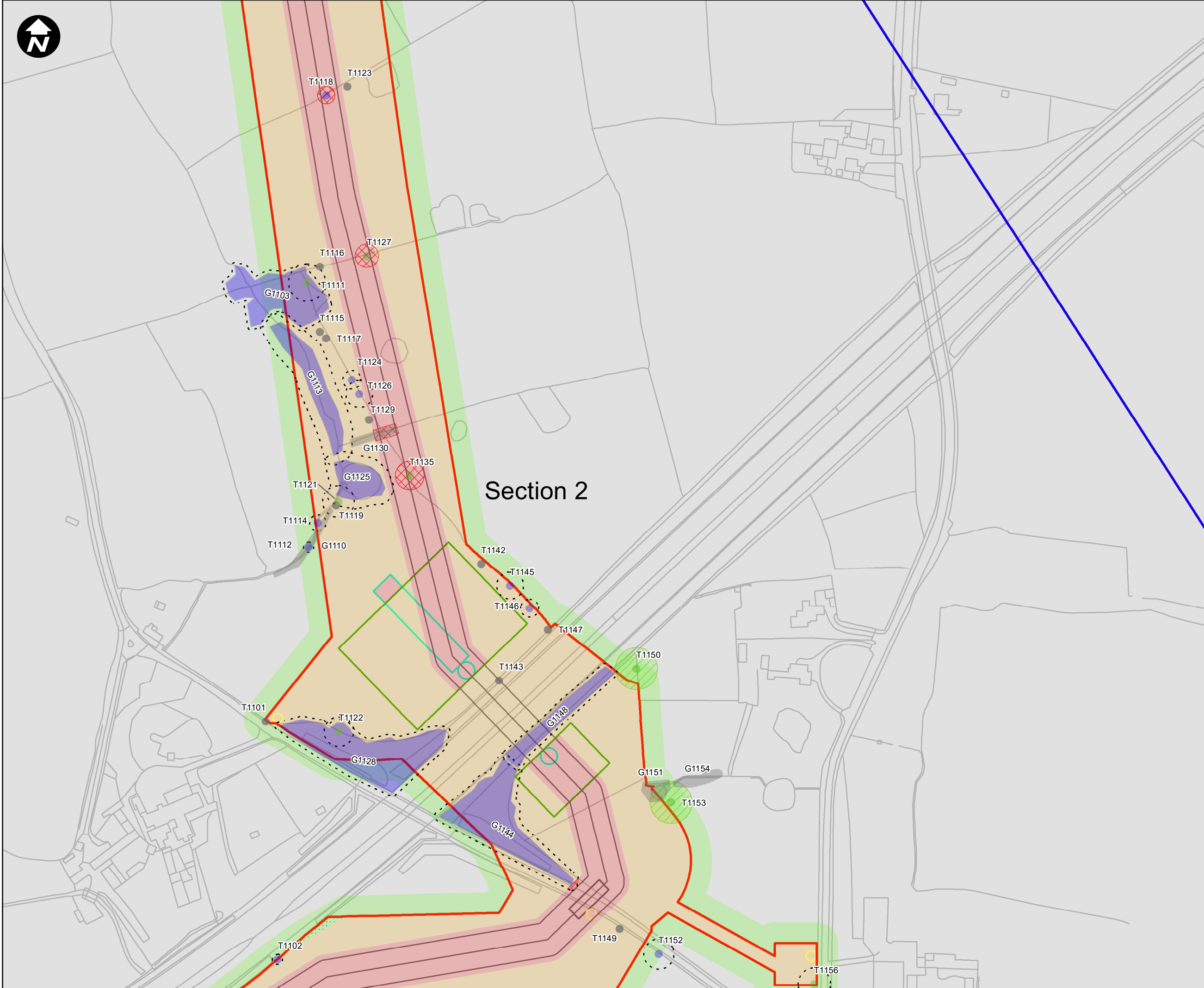
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## Section 2



# Section 2



### Key:

- New Infrastructure Development Boundary
- Areas Not Surveyed
- Proposed Sections

### BS 5837 Tree Category Grading

- |   |   |
|---|---|
| A | A |
| B | B |
| C | C |
| U | U |

- Preliminary Removals

### Root Protection Areas (RPA)

- Root Protection Areas (RPA)

### Veteran Trees - RPA's

- Veteran Tree to be Retained
- Veteran Tree at Risk, aiming to Retain

### Preliminary RAG Impact Assessment

- Red - Removed
- Amber - At Risk
- Green - Retained

### Constructions Layers

- Proposed Development Design
- Trenchless Crossing
- Centralised Compound
- Open-cut trench Crossings
- Trenchless Crossing Compound
- Construction Access - Existing Access Point
- Construction Access - New Access Point
- Localised Compound

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# Section 2



**Key:**

- New Infrastructure Development Boundary
- Areas Not Surveyed
- Proposed Sections

**BS 5837 Tree Category Grading**

- A
- B
- C
- U

**Preliminary Removes**

**Root Protection Areas (RPA)**

- Root Protection Areas (RPA)

**Veteran Trees - RPA's**

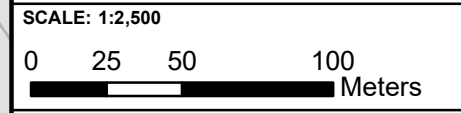
- Veteran Tree to be Retained
- Veteran Tree at Risk, aiming to Retain

**Preliminary RAG Impact Assessment**

- Red - Removed
- Amber - At Risk
- Green - Retained

**Constructions Layers**

- Proposed Development Design
- Trenchless Crossing
- Centralised Compound
- Open-cut trench Crossings
- Trenchless Crossing Compound
- Construction Access - Existing Access Point
- Construction Access - New Access Point
- Localised Compound



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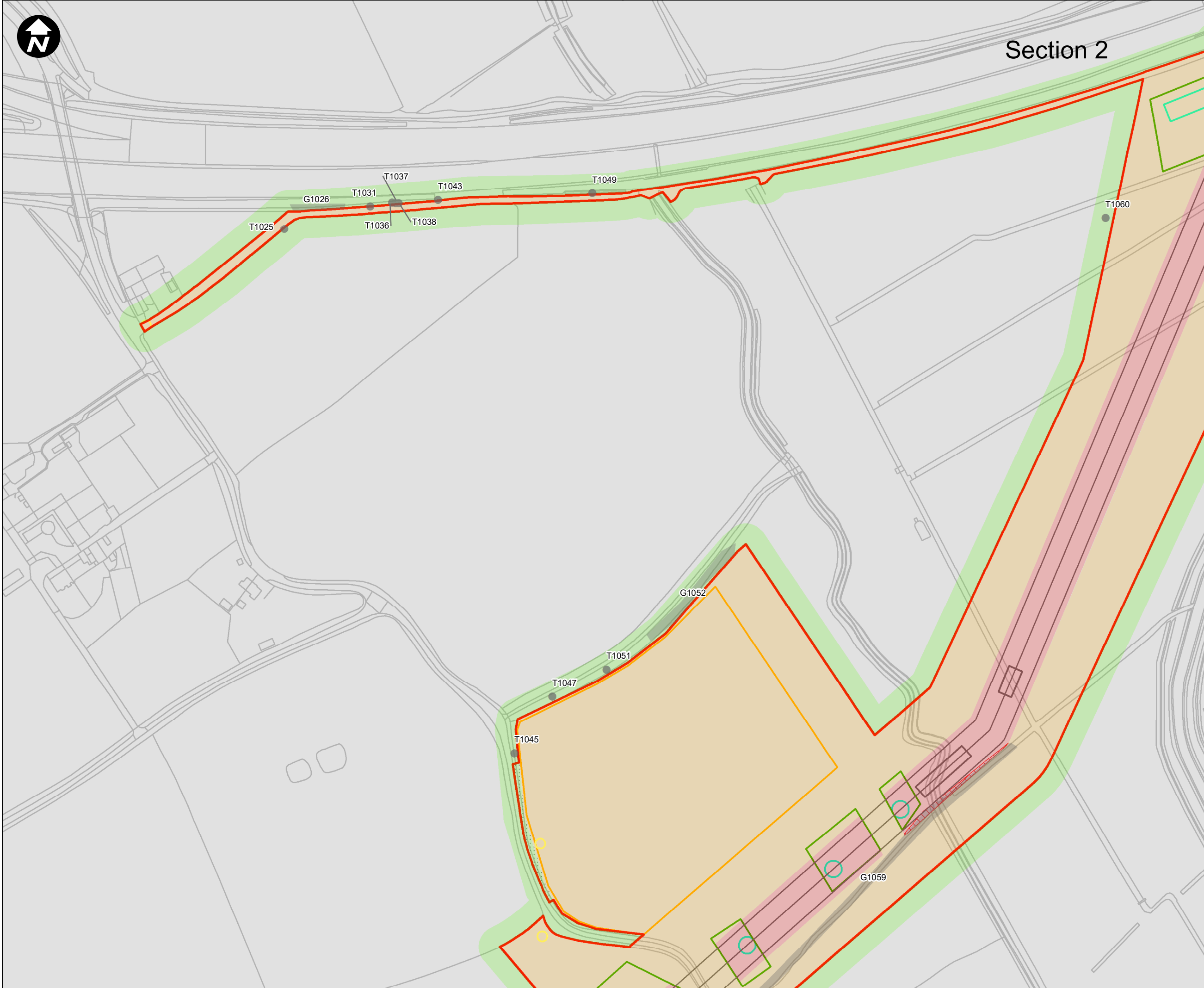
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# Section 2



**Key:**

- New Infrastructure Development Boundary
- Areas Not Surveyed
- Proposed Sections

**BS 5837 Tree Category Grading**

- A
- B
- C
- U

**Preliminary Removes**

**Root Protection Areas (RPA)**

- Root Protection Areas (RPA)

**Veteran Trees - RPA's**

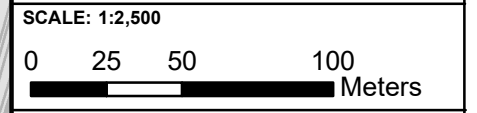
- Veteran Tree to be Retained
- Veteran Tree at Risk, aiming to Retain

**Preliminary RAG Impact Assessment**

- Red - Removed
- Amber - At Risk
- Green - Retained

**Constructions Layers**

- Proposed Development Design
- Trenchless Crossing
- Centralised Compound
- Open-cut trench Crossings
- Trenchless Crossing Compound
- Construction Access - Existing Access Point
- Construction Access - New Access Point
- Localised Compound



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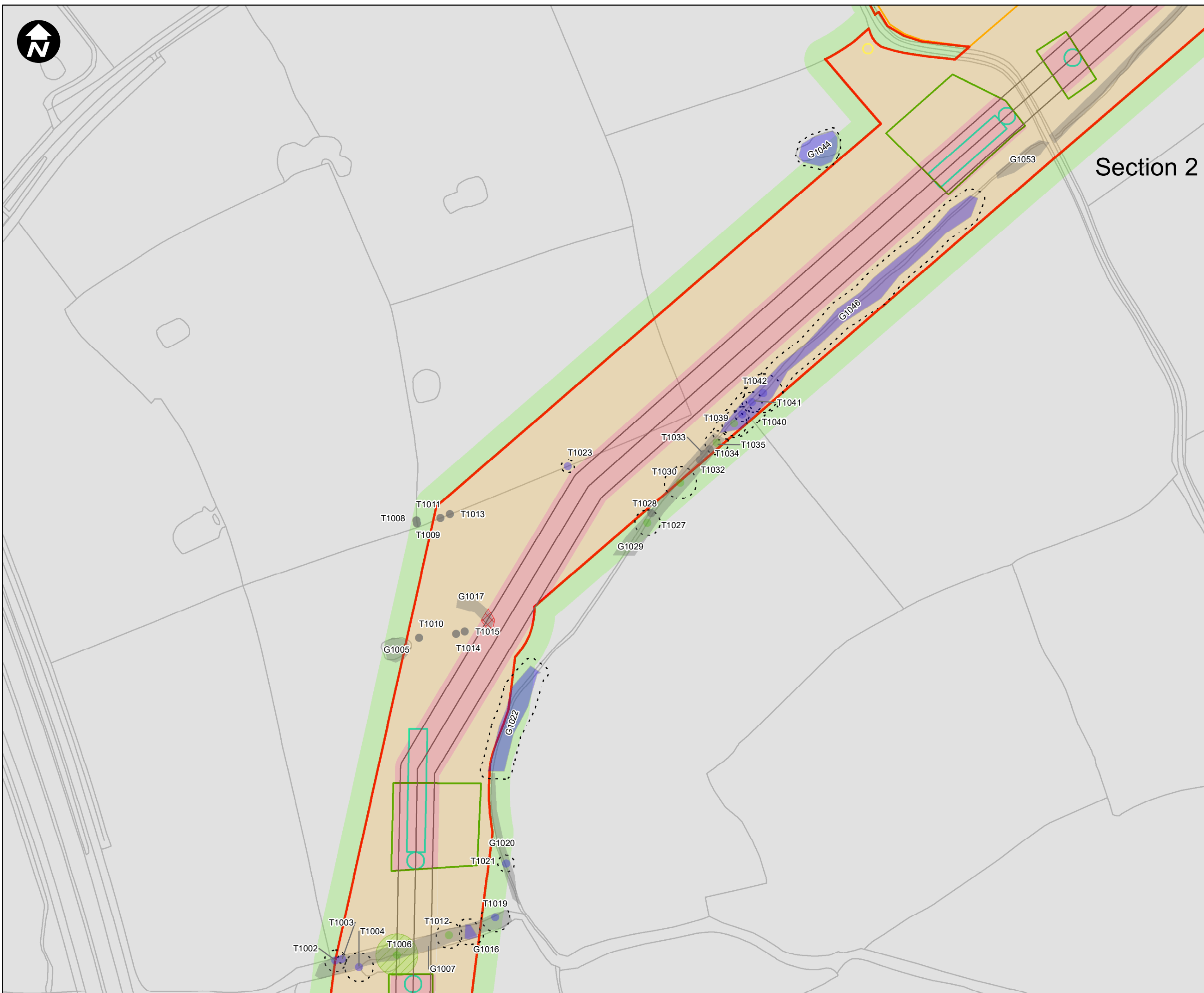
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# Section 2



**Key:**

- New Infrastructure Development Boundary
- Areas Not Surveyed
- Proposed Sections

**BS 5837 Tree Category Grading**

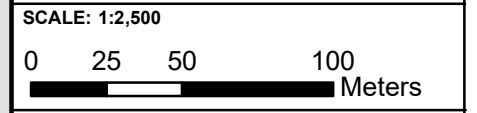
- A
- B
- C
- U

**Preliminary RAG Impact Assessment**

- Red - Removed
- Amber - At Risk
- Green - Retained

**Constructions Layers**

- Proposed Development Design
- Trenchless Crossing
- Centralised Compound
- Open-cut trench Crossings
- Trenchless Crossing Compound
- Construction Access – Existing Access Point
- Construction Access – New Access Point
- Localised Compound



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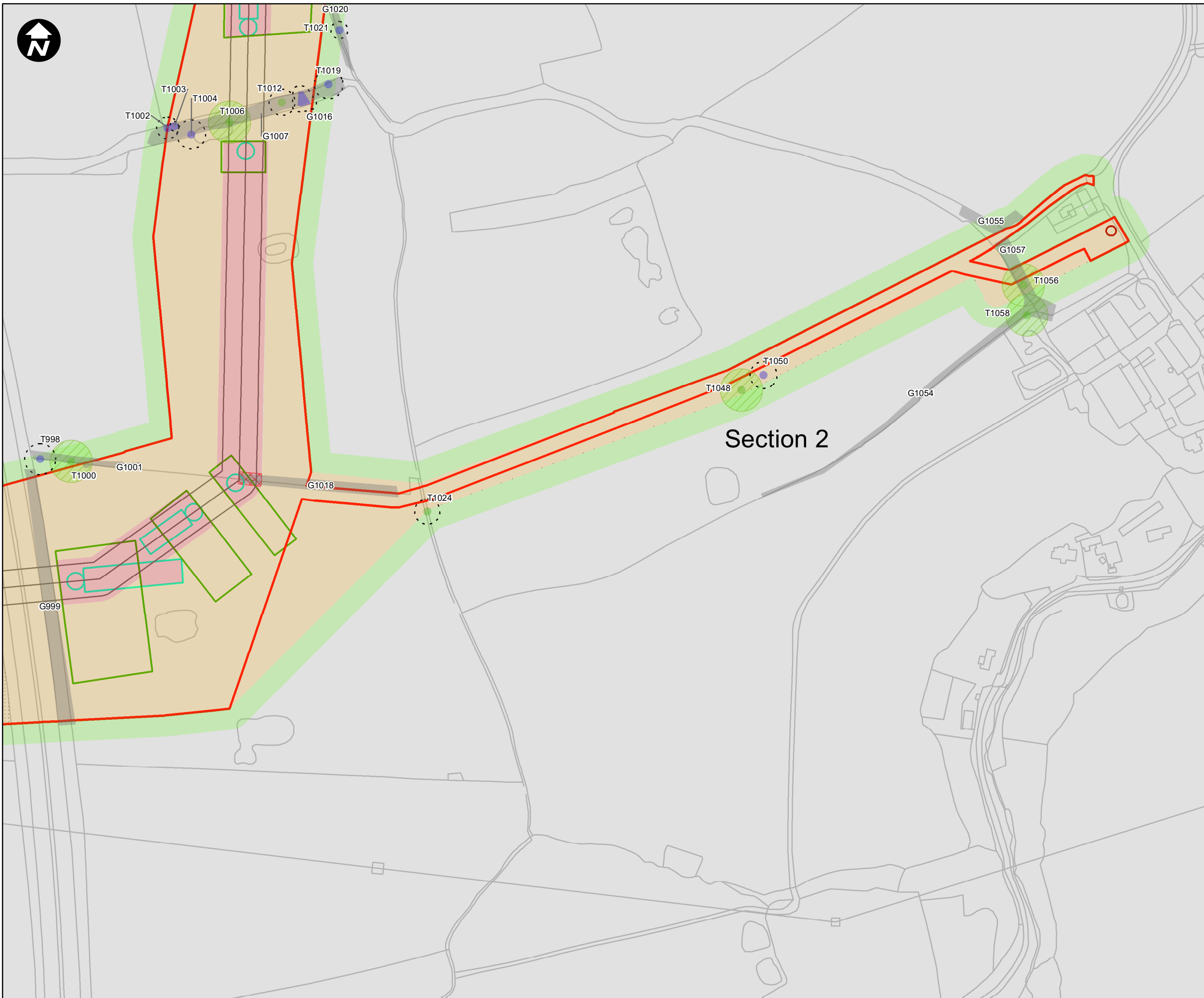
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EN070007-APP-ES-9.11.1-Sheet 12



**Key:**

- New Infrastructure Development Boundary
- Areas Not Surveyed
- Proposed Sections

**BS 5837 Tree Category Grading**

|   |   |
|---|---|
| A | A |
| B | B |
| C | C |
| U | U |

- Preliminary Removals

**Root Protection Areas (RPA)**

- Root Protection Areas (RPA)

**Veteran Trees - RPA's**

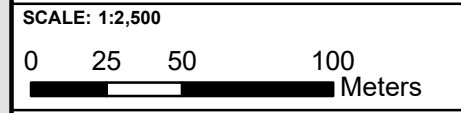
- Veteran Tree to be Retained
- Veteran Tree at Risk, aiming to Retain

**Preliminary RAG Impact Assessment**

- Red - Removed
- Amber - At Risk
- Green - Retained

**Constructions Layers**

- Proposed Development Design
- Trenchless Crossing
- Centralised Compound
- Open-cut trench Crossings
- Trenchless Crossing Compound
- Construction Access - Existing Access Point
- Construction Access - New Access Point
- Localised Compound



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# Section 2



**Key:**

- New Infrastructure Development Boundary
- Areas Not Surveyed
- Proposed Sections

**BS 5837 Tree Category Grading**

- A
- B
- C
- U

**Root Protection Areas (RPA)**

- Preliminary Removals
- Root Protection Areas (RPA)

**Veteran Trees - RPA's**

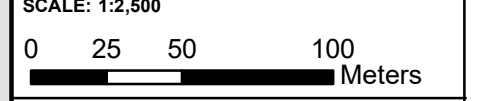
- Veteran Tree to be Retained
- Veteran Tree at Risk, aiming to Retain

**Preliminary RAG Impact Assessment**

- Red - Removed
- Amber - At Risk
- Green - Retained

**Constructions Layers**

- Proposed Development Design
- Trenchless Crossing
- Centralised Compound
- Open-cut trench Crossings
- Trenchless Crossing Compound
- Construction Access - Existing Access Point
- Construction Access - New Access Point
- Localised Compound



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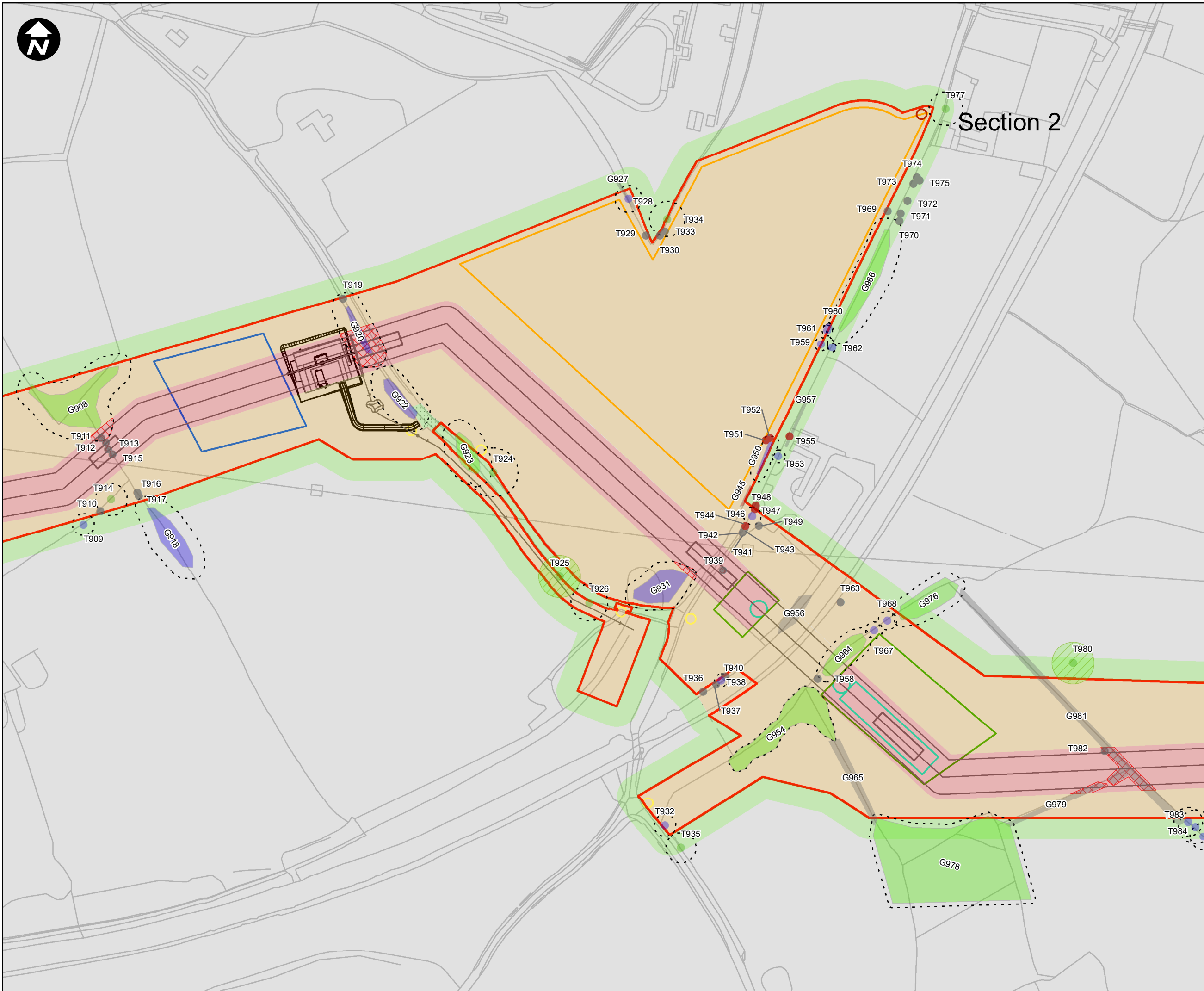
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Section 2



**Key:**

- New Infrastructure Development Boundary
- Areas Not Surveyed
- Proposed Sections

**BS 5837 Tree Category Grading**

- A
- B
- C
- U

**Root Protection Areas (RPA)**

- Root Protection Areas (RPA)

**Veteran Trees - RPA's**

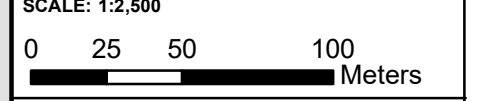
- Veteran Tree to be Retained
- Veteran Tree at Risk, aiming to Retain

**Preliminary RAG Impact Assessment**

- Red - Removed
- Amber - At Risk
- Green - Retained

**Constructions Layers**

- Proposed Development Design
- Trenchless Crossing
- Centralised Compound
- Open-cut trench Crossings
- Trenchless Crossing Compound
- Construction Access - Existing Access Point
- Construction Access - New Access Point
- Localised Compound



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# HyNet North West

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HyNet Carbon Dioxide Pipeline DCO

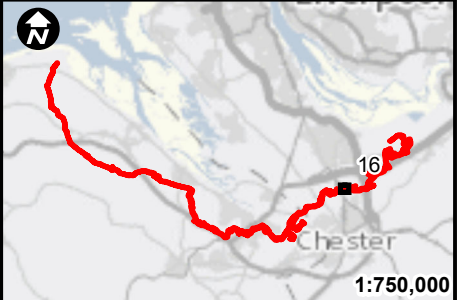
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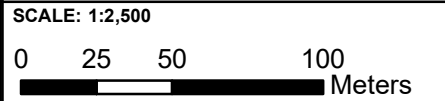
## Section 2

### Key:

- New Infrastructure Development Boundary
  - Areas Not Surveyed
  - Proposed Sections
- BS 5837 Tree Category Grading**
- |   |   |
|---|---|
| A | A |
| B | B |
| C | C |
| U | U |

- Preliminary Removals
- Root Protection Areas (RPA)**
- Root Protection Areas (RPA)
- Veteran Trees - RPA's**
- Veteran Tree to be Retained
  - Veteran Tree at Risk, aiming to Retain
- Preliminary RAG Impact Assessment**
- Red - Removed
  - Amber - At Risk
  - Green - Retained

- Constructions Layers**
- Proposed Development Design
  - Trenchless Crossing
  - Centralised Compound
  - Open-cut trench Crossings
  - Trenchless Crossing Compound
  - Construction Access - Existing Access Point
  - Construction Access - New Access Point
  - Localised Compound



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**HyNet North West**

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**HyNet Carbon Dioxide Pipeline DCO**

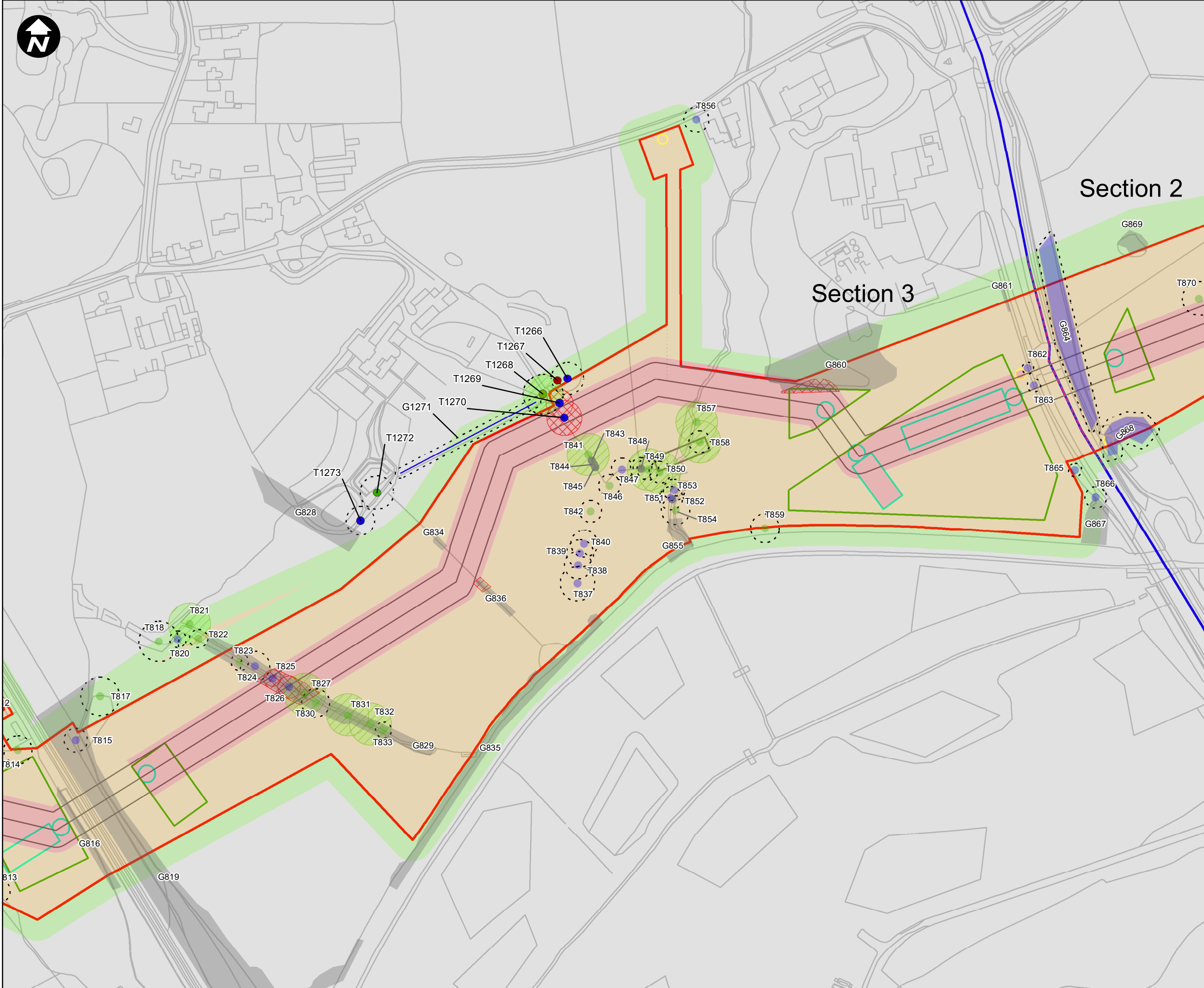
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**Key:**

- New Infrastructure Development Boundary
- Areas Not Surveyed
- Proposed Sections

**BS 5837 Tree Category Grading**

|   |   |
|---|---|
| A | A |
| B | B |
| C | C |
| U | U |

- Preliminary Removals

**Root Protection Areas (RPA)**

- Root Protection Areas (RPA)

**Veteran Trees - RPA's**

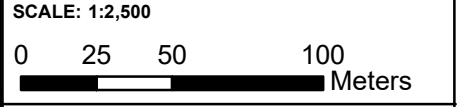
- Veteran Tree to be Retained
- Veteran Tree at Risk, aiming to Retain

**Preliminary RAG Impact Assessment**

- Red - Removed
- Amber - At Risk
- Green - Retained

**Constructions Layers**

- Proposed Development Design
- Trenchless Crossing
- Centralised Compound
- Open-cut trench Crossings
- Trenchless Crossing Compound
- Construction Access - Existing Access Point
- Construction Access - New Access Point
- Localised Compound



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# HyNet North West

PROJECT TITLE  
**HyNet Carbon Dioxide Pipeline DCO**

DRAWING TITLE  
**Preliminary Constraints and Impacts Plan**  
Page 17 of 46

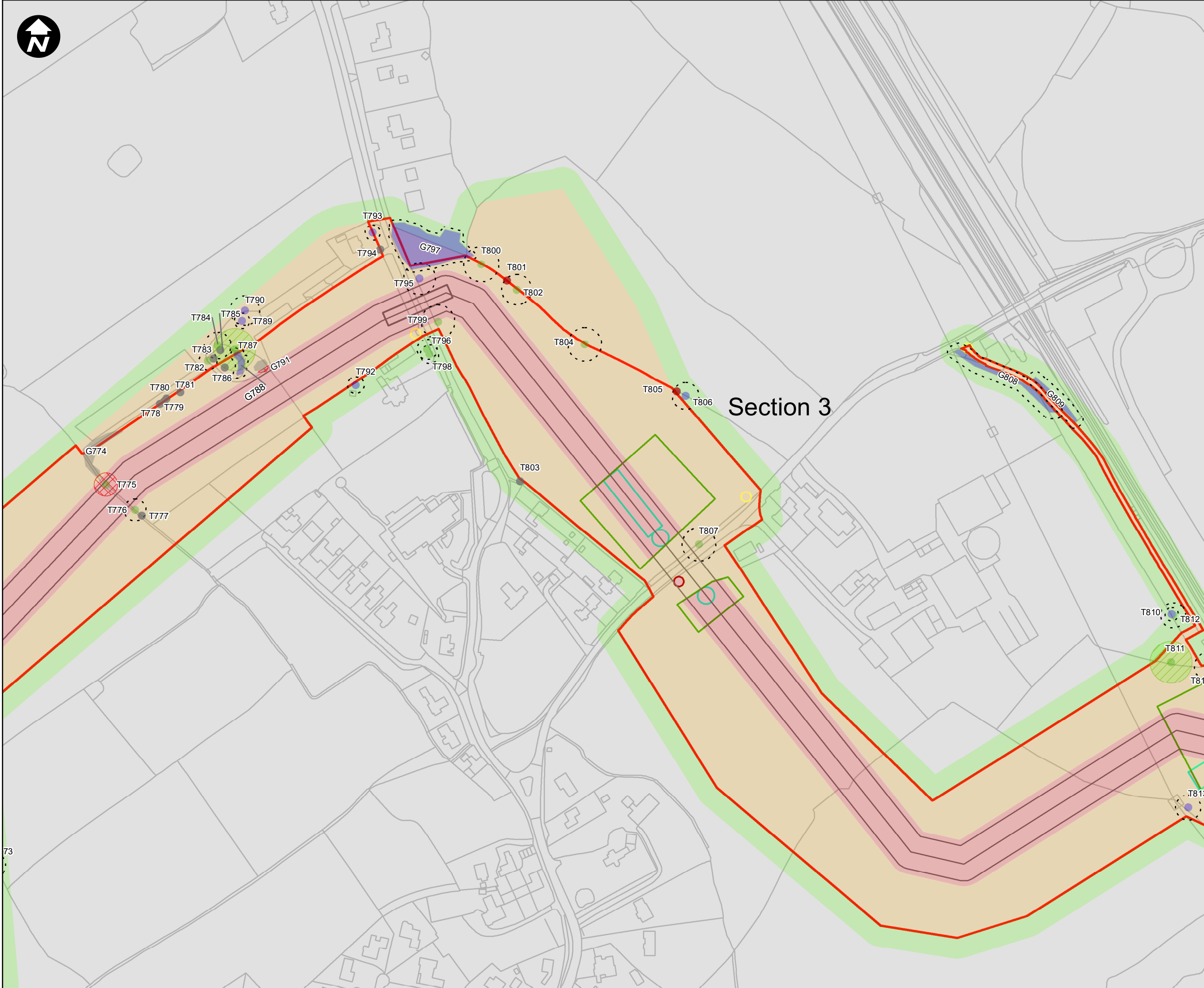
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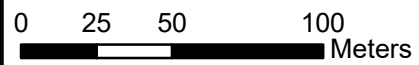


**Key:**

- New Infrastructure Development Boundary
- Areas Not Surveyed
- Proposed Sections
- BS 5837 Tree Category Grading**
- A
- B
- C
- U
- A
- B
- C
- U
- Preliminary Removals
- Root Protection Areas (RPA)**
- Root Protection Areas (RPA)
- Veteran Trees - RPA's**
- Veteran Tree to be Retained
- Veteran Tree at Risk, aiming to Retain
- Preliminary RAG Impact Assessment**
- Red - Removed
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- Green - Retained
- Constructions Layers**
- Proposed Development Design
- Trenchless Crossing
- Centralised Compound
- Open-cut trench Crossings
- Trenchless Crossing Compound
- Construction Access - Existing Access Point
- Construction Access - New Access Point
- Localised Compound

**Section 3**

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**HyNet Carbon Dioxide Pipeline DCO**

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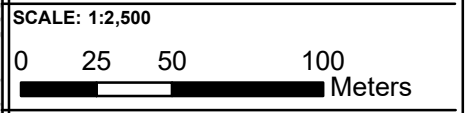
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**Key:**

- New Infrastructure Development Boundary
- Areas Not Surveyed
- Proposed Sections
- BS 5837 Tree Category Grading**
  - A
  - B
  - C
  - U
- Preliminary Removals
- Root Protection Areas (RPA)**
  - Root Protection Areas (RPA)
- Veteran Trees - RPA's**
  - Veteran Tree to be Retained
  - Veteran Tree at Risk, aiming to Retain
- Preliminary RAG Impact Assessment**
  - Red - Removed
  - Amber - At Risk
  - Green - Retained
- Constructions Layers**
  - Proposed Development Design
  - Trenchless Crossing
  - Centralised Compound
  - Open-cut trench Crossings
  - Trenchless Crossing Compound
  - Construction Access – Existing Access Point
  - Construction Access – New Access Point
  - Localised Compound



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**HyNet Carbon Dioxide Pipeline DCO**

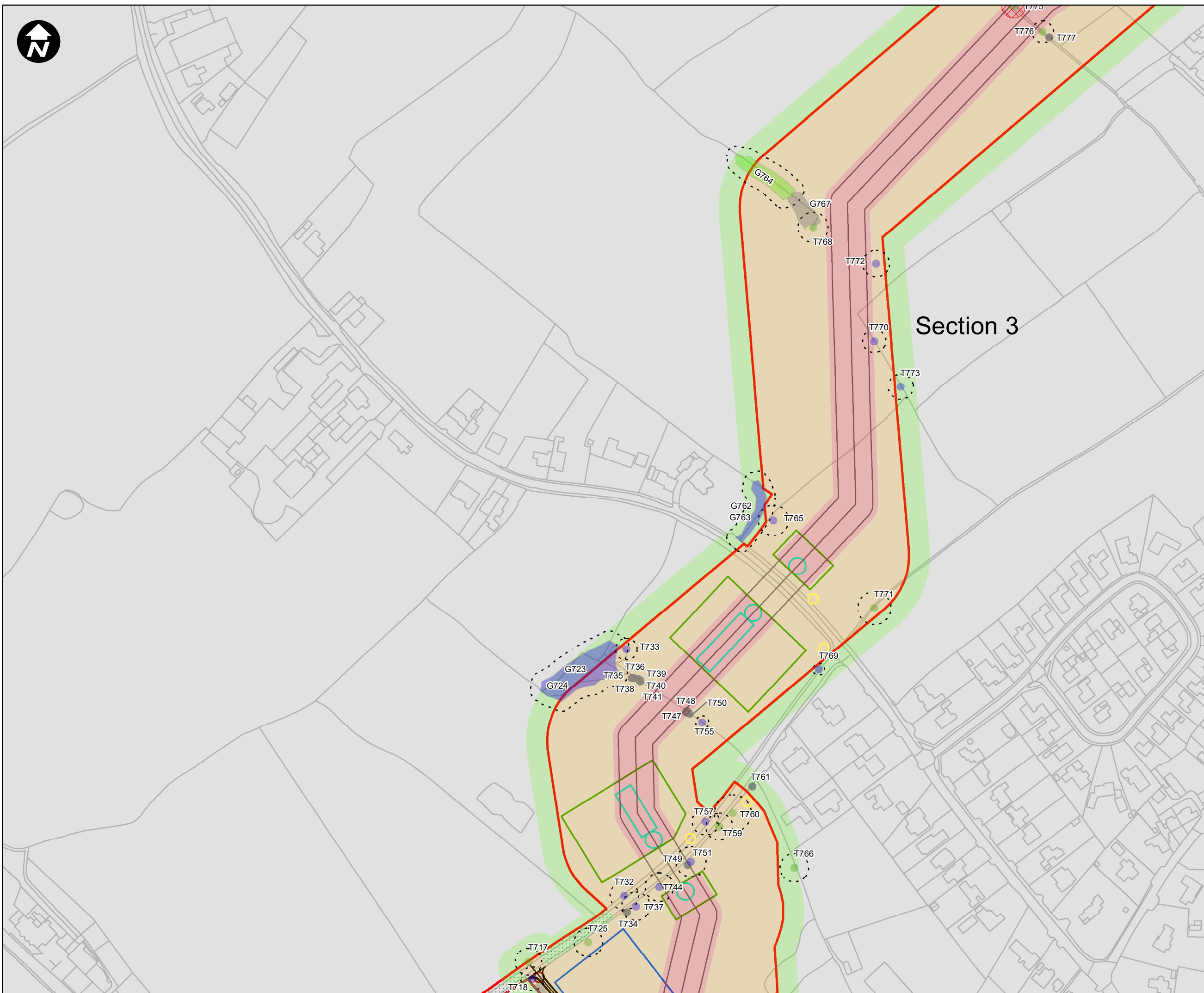
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Page 19 of 46

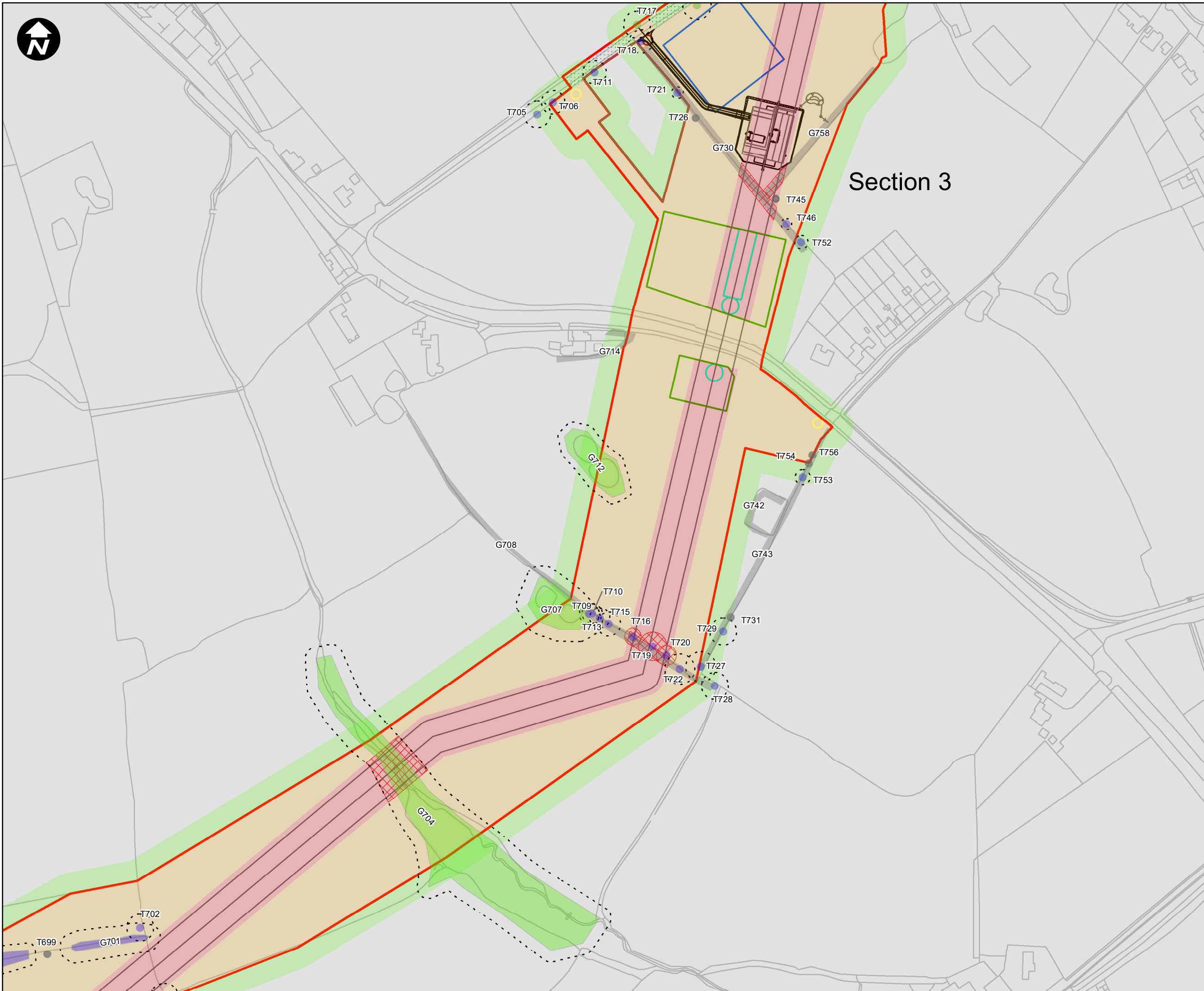
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**Key:**

- New Infrastructure Development Boundary
- Areas Not Surveyed
- Proposed Sections

**BS 5837 Tree Category Grading**

|   |   |
|---|---|
| A | A |
| B | B |
| C | C |
| U | U |

- Preliminary Removals

**Root Protection Areas (RPA)**

- Root Protection Areas (RPA)

**Veteran Trees - RPA's**

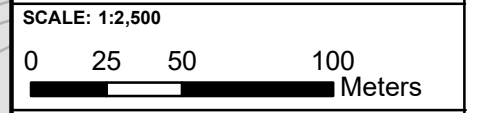
- Veteran Tree to be Retained
- Veteran Tree at Risk, aiming to Retain

**Preliminary RAG Impact Assessment**

- Red - Removed
- Amber - At Risk
- Green - Retained

**Constructions Layers**

- Proposed Development Design
- Trenchless Crossing
- Centralised Compound
- Open-cut trench Crossings
- Trenchless Crossing Compound
- Construction Access - Existing Access Point
- Construction Access - New Access Point
- Localised Compound



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**PROJECT TITLE**  
HyNet Carbon Dioxide Pipeline DCO

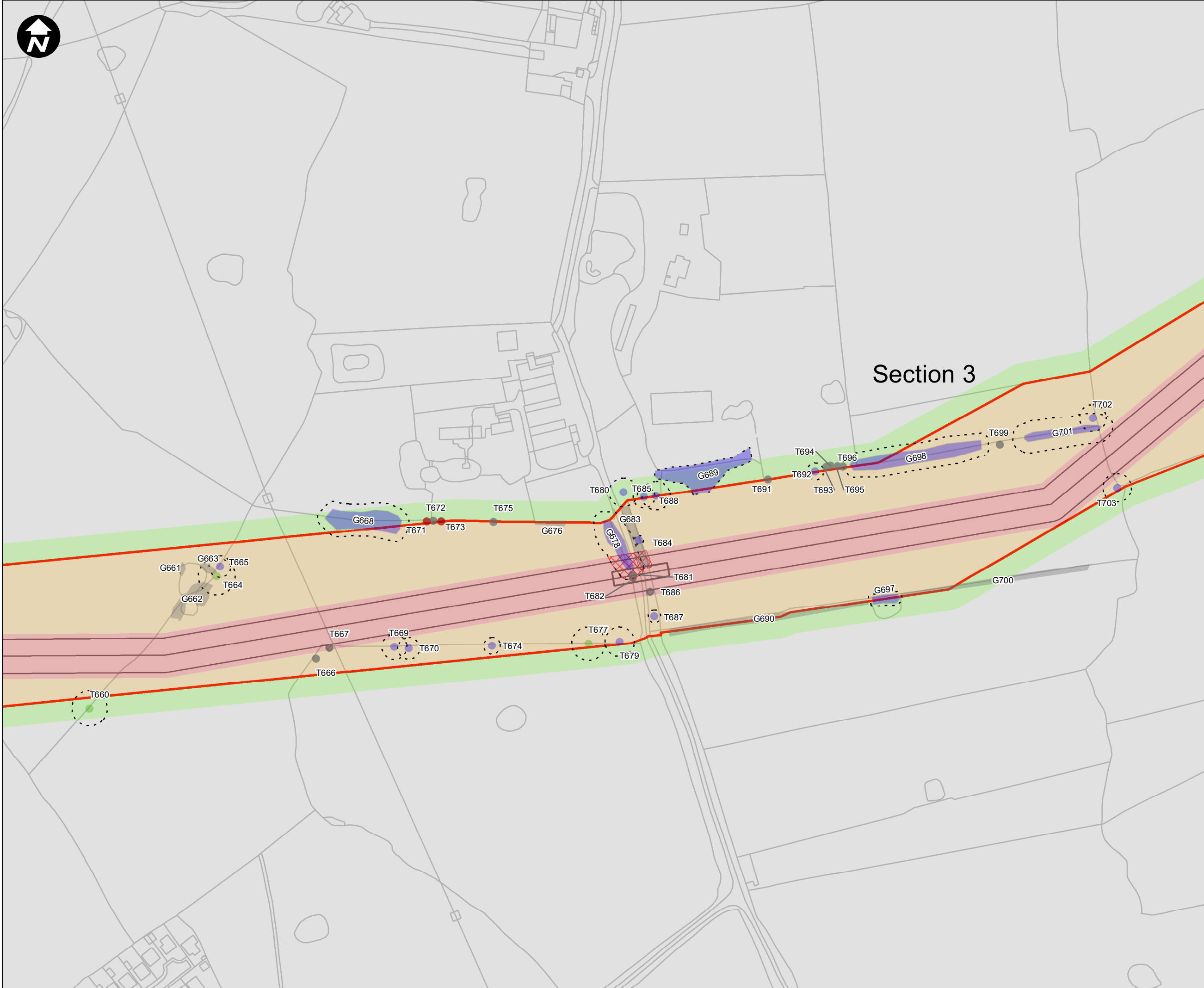
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Page 20 of 46

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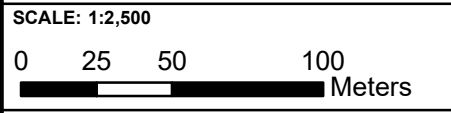
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**Key:**

- New Infrastructure Development Boundary
- Areas Not Surveyed
- Proposed Sections
- BS 5837 Tree Category Grading**
- A
- B
- C
- U
- A
- B
- C
- U
- Preliminary Removals
- Root Protection Areas (RPA)**
- Root Protection Areas (RPA)
- Veteran Trees - RPA's**
- Veteran Tree to be Retained
- Veteran Tree at Risk, aiming to Retain
- Preliminary RAG Impact Assessment**
- Red - Removed
- Amber - At Risk
- Green - Retained
- Constructions Layers**
- Proposed Development Design
- Trenchless Crossing
- Centralised Compound
- Open-cut trench Crossings
- Trenchless Crossing Compound
- Construction Access - Existing Access Point
- Construction Access - New Access Point
- Localised Compound



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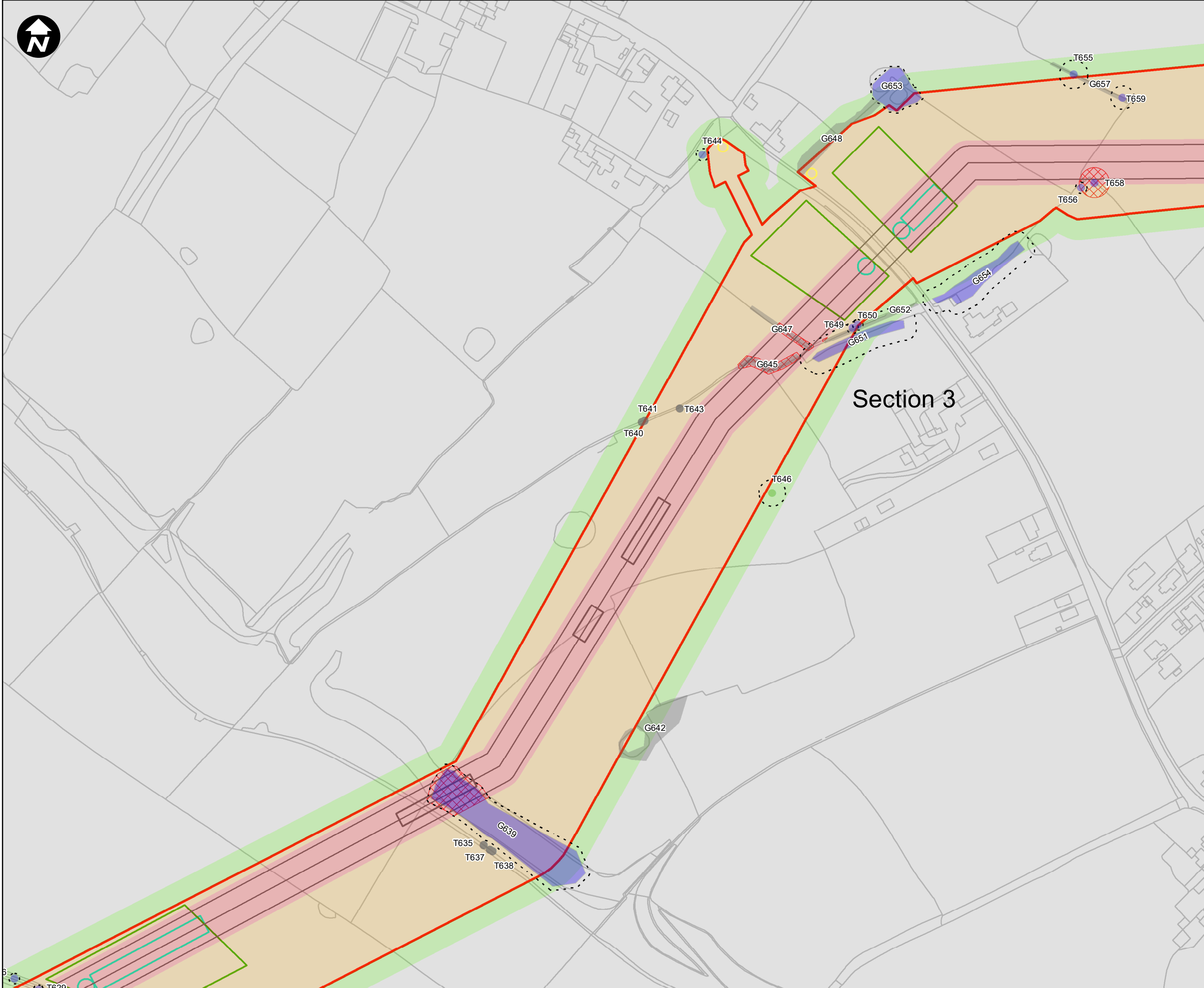
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**Preliminary Constraints and Impacts Plan**  
Page 21 of 46

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**Section 3**

**Key:**

- New Infrastructure Development Boundary
- Areas Not Surveyed
- Proposed Sections
- BS 5837 Tree Category Grading**
- A
- B
- C
- U
- A
- B
- C
- U
- Preliminary Removals
- Root Protection Areas (RPA)**
- Root Protection Areas (RPA)
- Veteran Trees - RPA's**
- Veteran Tree to be Retained
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- Green - Retained
- Constructions Layers**
- Proposed Development Design
- Trenchless Crossing
- Centralised Compound
- Open-cut trench Crossings
- Trenchless Crossing Compound
- Construction Access - Existing Access Point
- Construction Access - New Access Point
- Localised Compound

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EN070007-APP-ES-9.11.1-Sheet 22



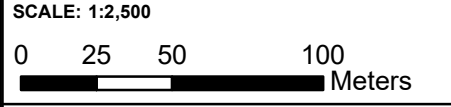
**Key:**

- New Infrastructure Development Boundary
- Areas Not Surveyed
- Proposed Sections

**BS 5837 Tree Category Grading**

|     |     |
|-----|-----|
| ● A | ■ A |
| ● B | ■ B |
| ● C | ■ C |
| ● U | ■ U |

- Preliminary Removals
- Root Protection Areas (RPA)
  - Root Protection Areas (RPA)
- Veteran Trees - RPA's
  - Veteran Tree to be Retained
  - Veteran Tree at Risk, aiming to Retain
- Preliminary RAG Impact Assessment
  - Red - Removed
  - Amber - At Risk
  - Green - Retained
- Constructions Layers
  - Proposed Development Design
  - Trenchless Crossing
  - Centralised Compound
  - Open-cut trench Crossings
  - Trenchless Crossing Compound
  - Construction Access - Existing Access Point
  - Construction Access - New Access Point
  - Localised Compound



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Section 3

Section 4



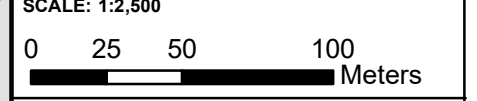
**Key:**

- New Infrastructure Development Boundary
- Areas Not Surveyed
- Proposed Sections

**BS 5837 Tree Category Grading**

|     |     |
|-----|-----|
| ● A | ■ A |
| ● B | ■ B |
| ● C | ■ C |
| ● U | ■ U |

- Preliminary Removals
- Root Protection Areas (RPA)
  - Root Protection Areas (RPA)
- Veteran Trees - RPA's
  - Veteran Tree to be Retained
  - Veteran Tree at Risk, aiming to Retain
- Preliminary RAG Impact Assessment
  - Red - Removed
  - Amber - At Risk
  - Green - Retained
- Constructions Layers
  - Proposed Development Design
  - Trenchless Crossing
  - Centralised Compound
  - Open-cut trench Crossings
  - Trenchless Crossing Compound
  - Construction Access – Existing Access Point
  - Construction Access – New Access Point
  - Localised Compound



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EN070007-APP-ES-9.11.1-Sheet 24





# Section 4



**Key:**

- New Infrastructure Development Boundary
- Areas Not Surveyed
- Proposed Sections

**BS 5837 Tree Category Grading**

- A
- B
- C
- U

**Preliminary Removes**

**Root Protection Areas (RPA)**

- Root Protection Areas (RPA)

**Veteran Trees - RPA's**

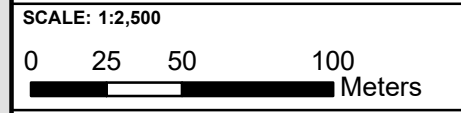
- Veteran Tree to be Retained
- Veteran Tree at Risk, aiming to Retain

**Preliminary RAG Impact Assessment**

- Red - Removed
- Amber - At Risk
- Green - Retained

**Constructions Layers**

- Proposed Development Design
- Trenchless Crossing
- Centralised Compound
- Open-cut trench Crossings
- Trenchless Crossing Compound
- Construction Access - Existing Access Point
- Construction Access - New Access Point
- Localised Compound



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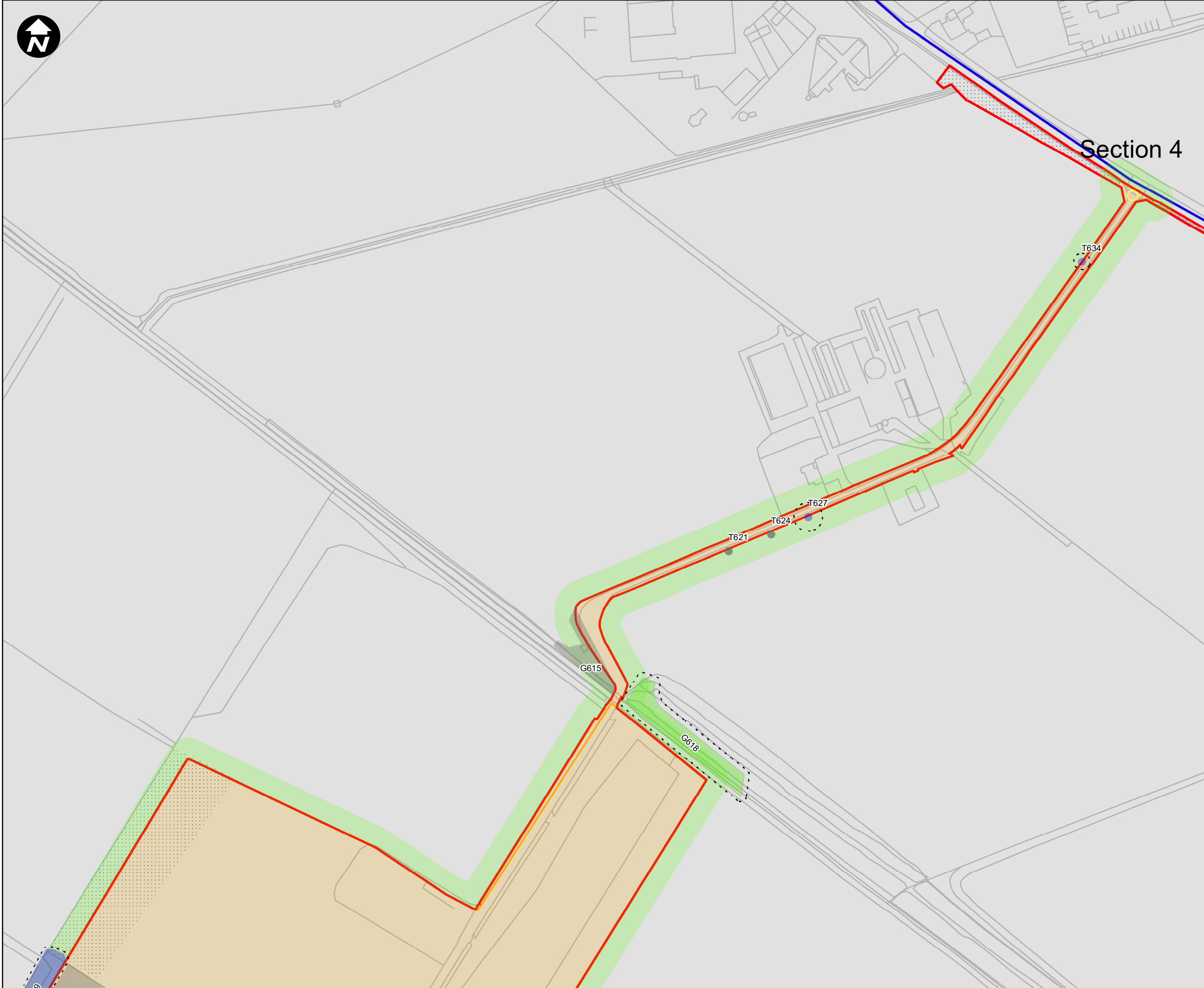
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EN070007-APP-ES-9.11.1-Sheet 25





# Section 4



**Key:**

- New Infrastructure Development Boundary
- Areas Not Surveyed
- Proposed Sections

**BS 5837 Tree Category Grading**

- A
- B
- C
- U

**Preliminary Removes**

**Root Protection Areas (RPA)**

- Root Protection Areas (RPA)

**Veteran Trees - RPA's**

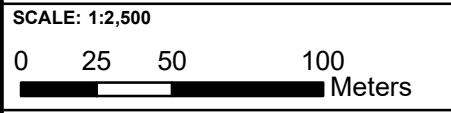
- Veteran Tree to be Retained
- Veteran Tree at Risk, aiming to Retain

**Preliminary RAG Impact Assessment**

- Red - Removed
- Amber - At Risk
- Green - Retained

**Constructions Layers**

- Proposed Development Design
- Trenchless Crossing
- Centralised Compound
- Open-cut trench Crossings
- Trenchless Crossing Compound
- Construction Access - Existing Access Point
- Construction Access - New Access Point
- Localised Compound



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EN070007-APP-ES-9.11.1-Sheet 26



**Key:**

- New Infrastructure Development Boundary
- Areas Not Surveyed
- Proposed Sections

**BS 5837 Tree Category Grading**

|   |   |
|---|---|
| A | A |
| B | B |
| C | C |
| U | U |

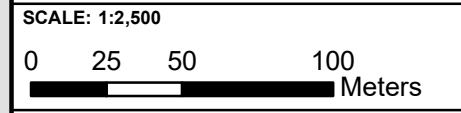
- Preliminary Removals
- Root Protection Areas (RPA)**
- Root Protection Areas (RPA)
- Veteran Trees - RPA's**
- Veteran Tree to be Retained
- Veteran Tree at Risk, aiming to Retain

**Preliminary RAG Impact Assessment**

- Red - Removed
- Amber - At Risk
- Green - Retained

**Constructions Layers**

- Proposed Development Design
- Trenchless Crossing
- Centralised Compound
- Open-cut trench Crossings
- Trenchless Crossing Compound
- Construction Access – Existing Access Point
- Construction Access – New Access Point
- Localised Compound



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HyNet Carbon Dioxide Pipeline DCO

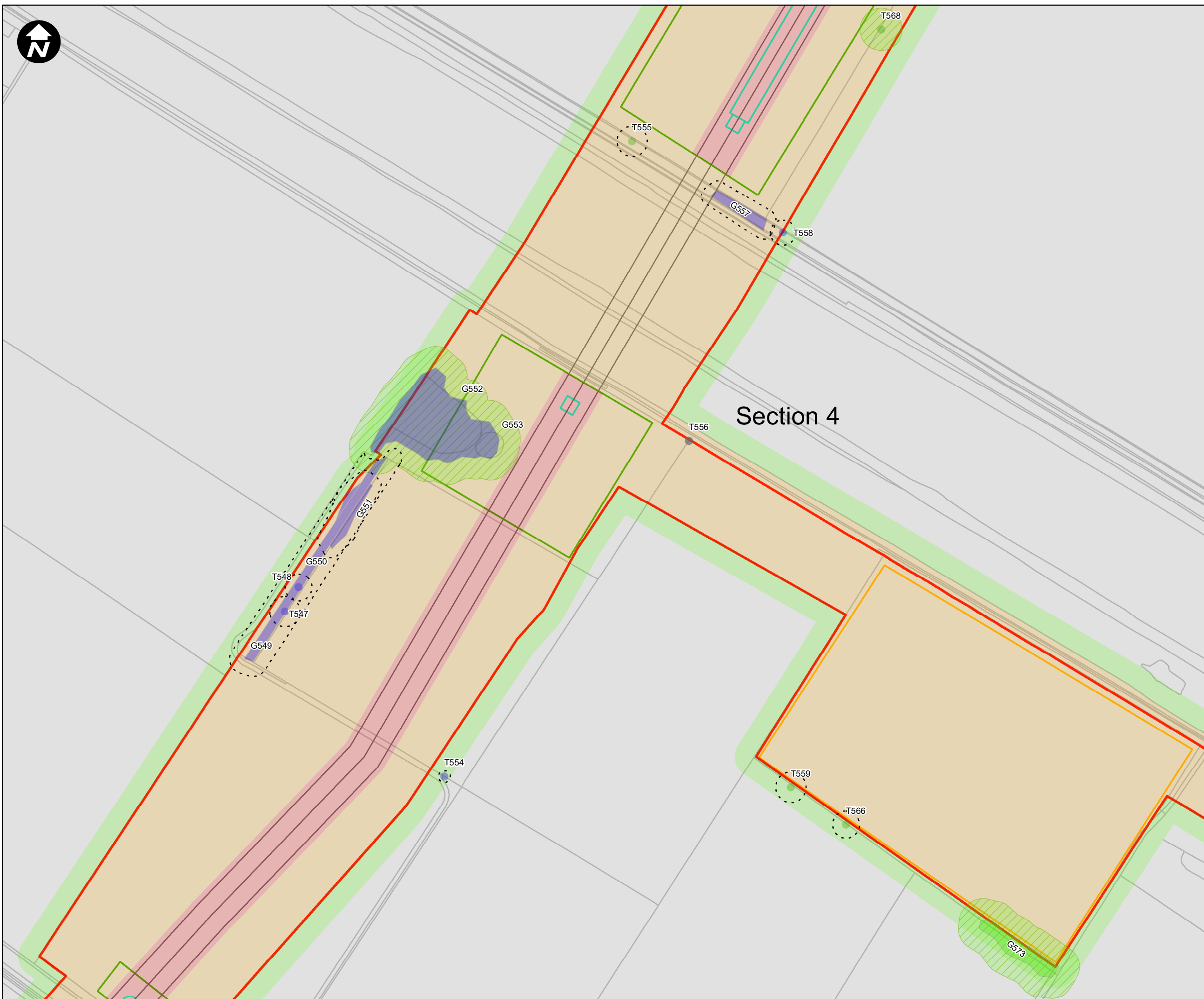
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Page 27 of 46

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EN070007-APP-ES-9.11.1-Sheet 27



**Key:**

- New Infrastructure Development Boundary
- Areas Not Surveyed
- Proposed Sections

**BS 5837 Tree Category Grading**

|   |   |
|---|---|
| A | A |
| B | B |
| C | C |
| U | U |

**Root Protection Areas (RPA)**

- Root Protection Areas (RPA)

**Veteran Trees - RPA's**

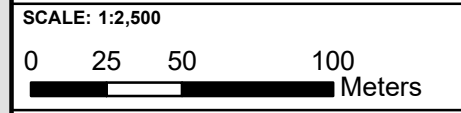
- Veteran Tree to be Retained
- Veteran Tree at Risk, aiming to Retain

**Preliminary RAG Impact Assessment**

- Red - Removed
- Amber - At Risk
- Green - Retained

**Constructions Layers**

- Proposed Development Design
- Trenchless Crossing
- Centralised Compound
- Open-cut trench Crossings
- Trenchless Crossing Compound
- Construction Access - Existing Access Point
- Construction Access - New Access Point
- Localised Compound



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# Section 4

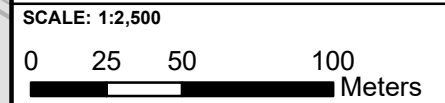


### Key:

- New Infrastructure Development Boundary
  - Areas Not Surveyed
  - Proposed Sections
- BS 5837 Tree Category Grading**
- A
  - B
  - C
  - U

- Preliminary Removals
- Root Protection Areas (RPA)**
- Root Protection Areas (RPA)
- Veteran Trees - RPA's**
- Veteran Tree to be Retained
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- Constructions Layers**
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- Centralised Compound
- Open-cut trench Crossings
- Trenchless Crossing Compound
- Construction Access – Existing Access Point
- Construction Access – New Access Point
- Localised Compound



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## HyNet North West

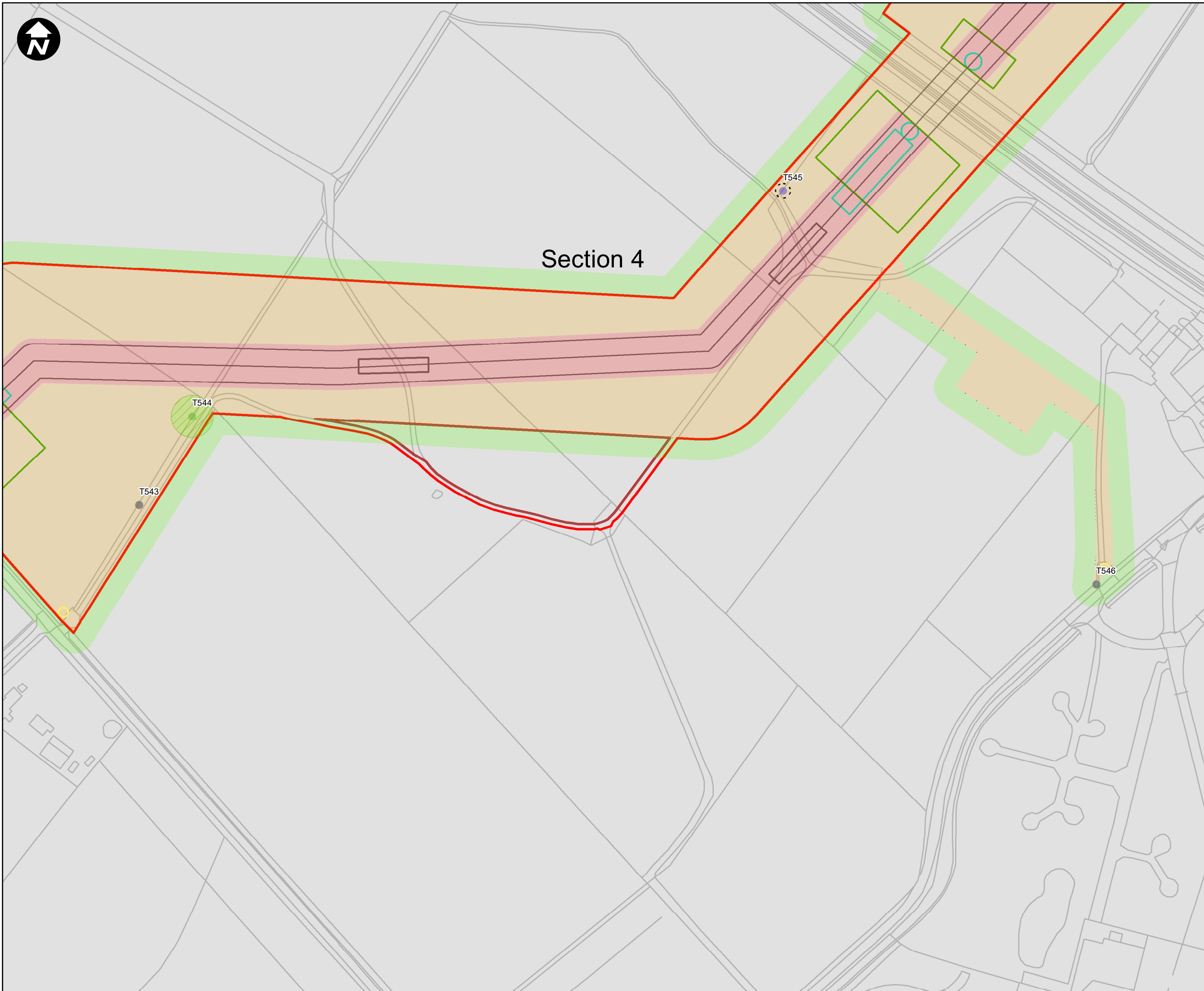
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**HyNet Carbon Dioxide Pipeline DCO**

DRAWING TITLE  
**Preliminary Constraints and Impacts Plan  
Page 29 of 46**

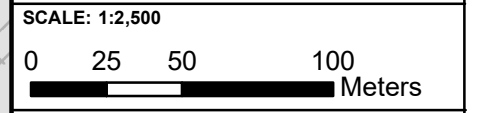
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- Key:**
- New Infrastructure Development Boundary
  - Areas Not Surveyed
  - Proposed Sections
- BS 5837 Tree Category Grading**
- |   |   |
|---|---|
| A | A |
| B | B |
| C | C |
| U | U |
- Preliminary Removals
- Root Protection Areas (RPA)**
- Root Protection Areas (RPA)
- Veteran Trees - RPA's**
- Veteran Tree to be Retained
  - Veteran Tree at Risk, aiming to Retain
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- Proposed Development Design
  - Trenchless Crossing
  - Centralised Compound
  - Open-cut trench Crossings
  - Trenchless Crossing Compound
  - Construction Access – Existing Access Point
  - Construction Access – New Access Point
  - Localised Compound



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**HyNet North West**

**PROJECT TITLE**  
HyNet Carbon Dioxide Pipeline DCO

**DRAWING TITLE**  
Preliminary Constraints and Impacts Plan  
Page 30 of 46

**DRAWING STATUS**  
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**DRAWING NUMBER**  
EN070007-APP-ES-9.11.1-Sheet 30

**Key:**

- New Infrastructure Development Boundary
- Areas Not Surveyed
- Proposed Sections
- BS 5837 Tree Category Grading**
- A
- B
- C
- U
- A
- B
- C
- U
- Preliminary Removals
- Root Protection Areas (RPA)**
- Root Protection Areas (RPA)
- Veteran Trees - RPA's**
- Veteran Tree to be Retained
- Veteran Tree at Risk, aiming to Retain
- Preliminary RAG Impact Assessment**
- Red - Removed
- Amber - At Risk
- Green - Retained
- Constructions Layers**
- Proposed Development Design
- Trenchless Crossing
- Centralised Compound
- Open-cut trench Crossings
- Trenchless Crossing Compound
- Construction Access - Existing Access Point
- Construction Access - New Access Point
- Localised Compound

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**HyNet North West**

PROJECT TITLE  
**HyNet Carbon Dioxide Pipeline DCO**

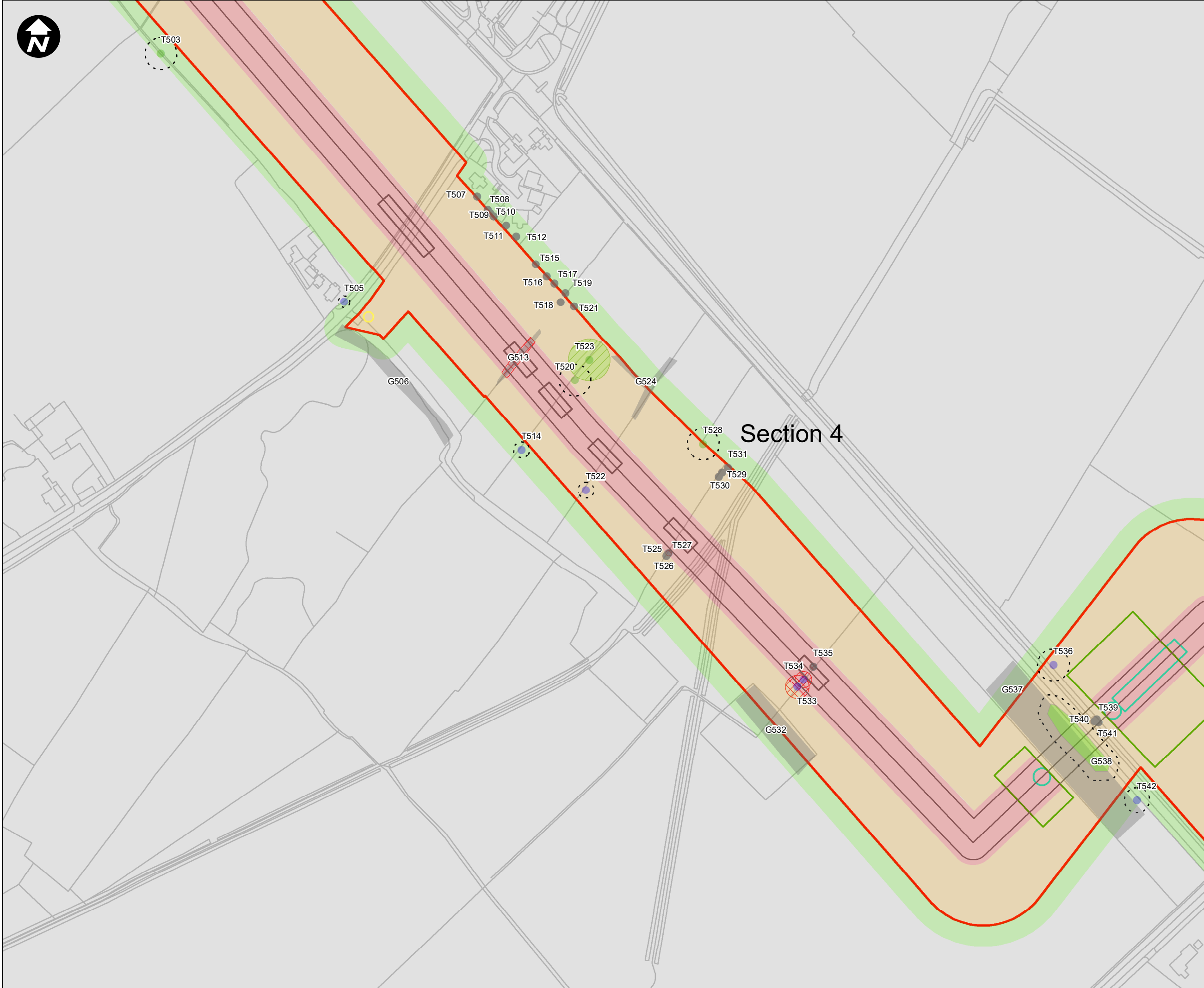
DRAWING TITLE  
**Preliminary Constraints and Impacts Plan  
Page 31 of 46**

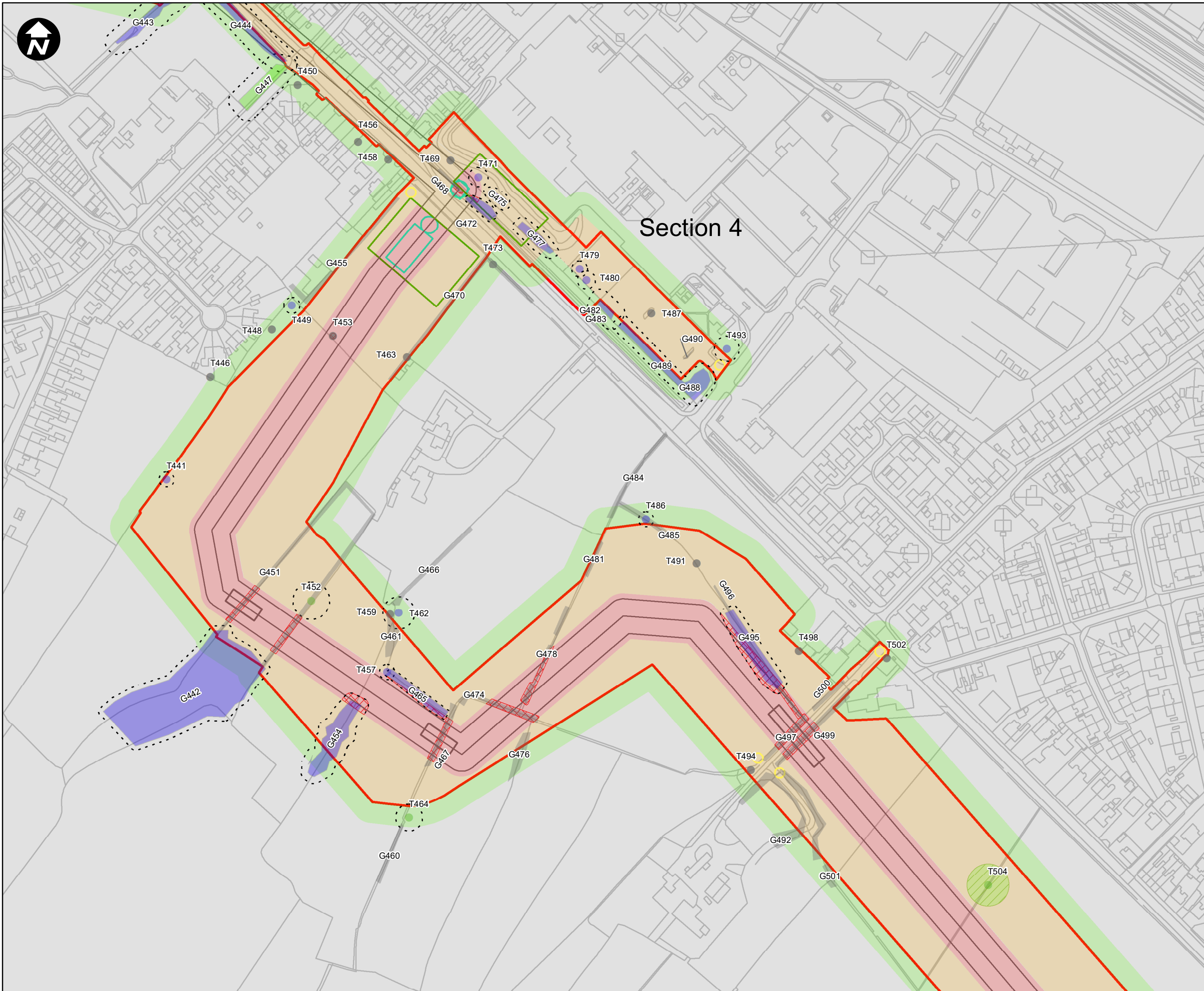
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| 1:2,500         | 05/09/2023 | D        |

DRAWING NUMBER  
EN070007-APP-ES-9.11.1-Sheet 31

**Section 4**



# Section 4



**Key:**

- New Infrastructure Development Boundary
- Areas Not Surveyed
- Proposed Sections

**BS 5837 Tree Category Grading**

- A
- B
- C
- U

**Root Protection Areas (RPA)**

- Root Protection Areas (RPA)

**Veteran Trees - RPA's**

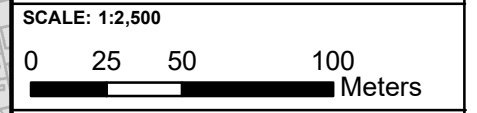
- Veteran Tree to be Retained
- Veteran Tree at Risk, aiming to Retain

**Preliminary RAG Impact Assessment**

- Red - Removed
- Amber - At Risk
- Green - Retained

**Constructions Layers**

- Proposed Development Design
- Trenchless Crossing
- Centralised Compound
- Open-cut trench Crossings
- Trenchless Crossing Compound
- Construction Access - Existing Access Point
- Construction Access - New Access Point
- Localised Compound



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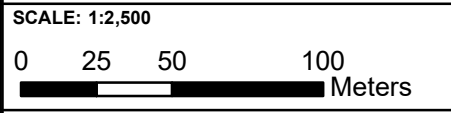
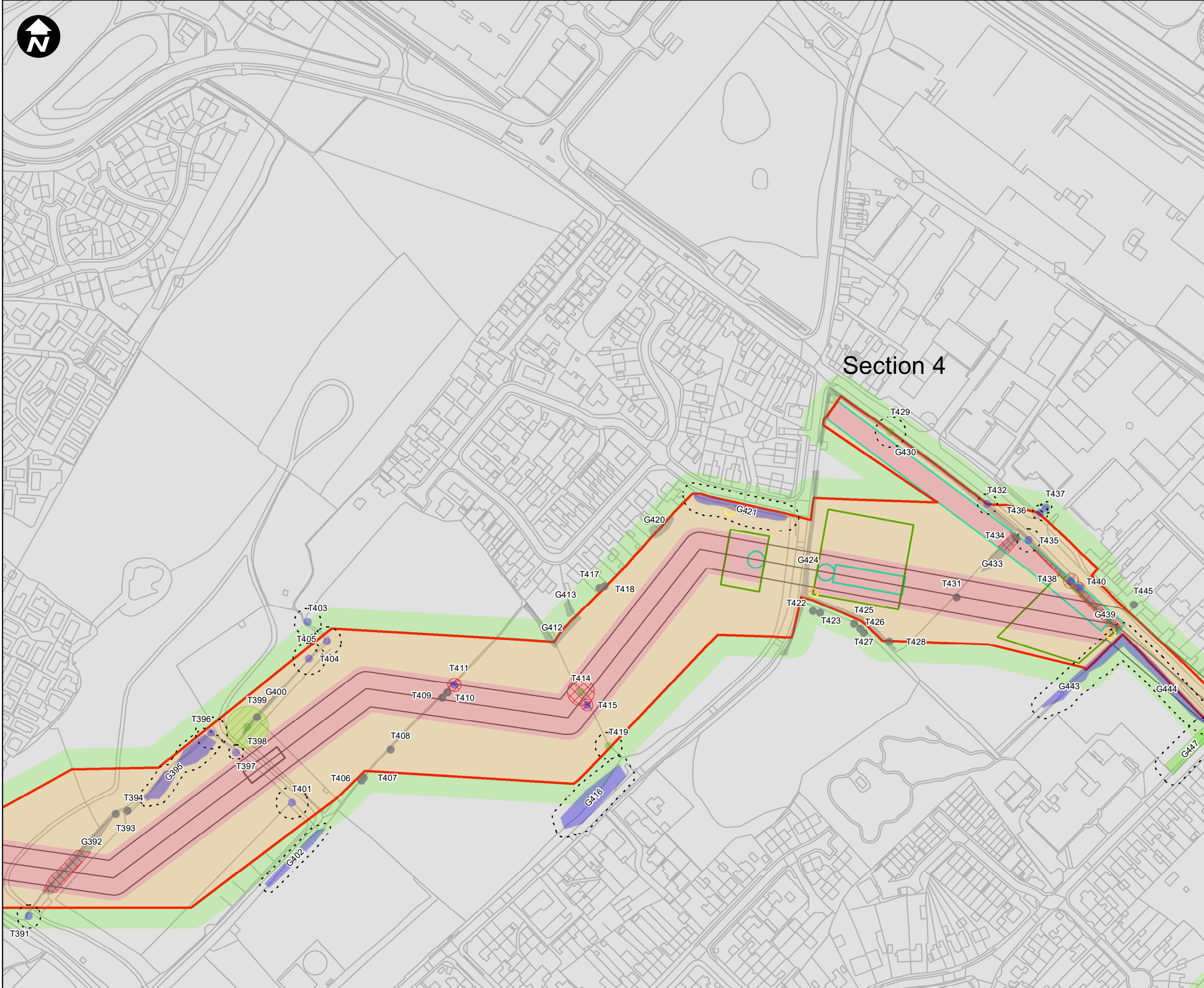
DRAWING NUMBER  
EN070007-APP-ES-9.11.1-Sheet 32



**Key:**

- New Infrastructure Development Boundary
- Areas Not Surveyed
- Proposed Sections
- BS 5837 Tree Category Grading**
- A
- B
- C
- U
- A
- B
- C
- U
- Preliminary Removals
- Root Protection Areas (RPA)**
- Root Protection Areas (RPA)
- Veteran Trees - RPA's**
- Veteran Tree to be Retained
- Veteran Tree at Risk, aiming to Retain
- Preliminary RAG Impact Assessment**
- Red - Removed
- Amber - At Risk
- Green - Retained
- Constructions Layers**
- Proposed Development Design
- Trenchless Crossing
- Centralised Compound
- Open-cut trench Crossings
- Trenchless Crossing Compound
- Construction Access - Existing Access Point
- Construction Access - New Access Point
- Localised Compound

### Section 4



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## HyNet North West

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**HyNet Carbon Dioxide Pipeline DCO**

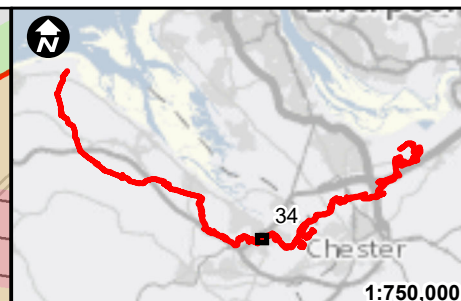
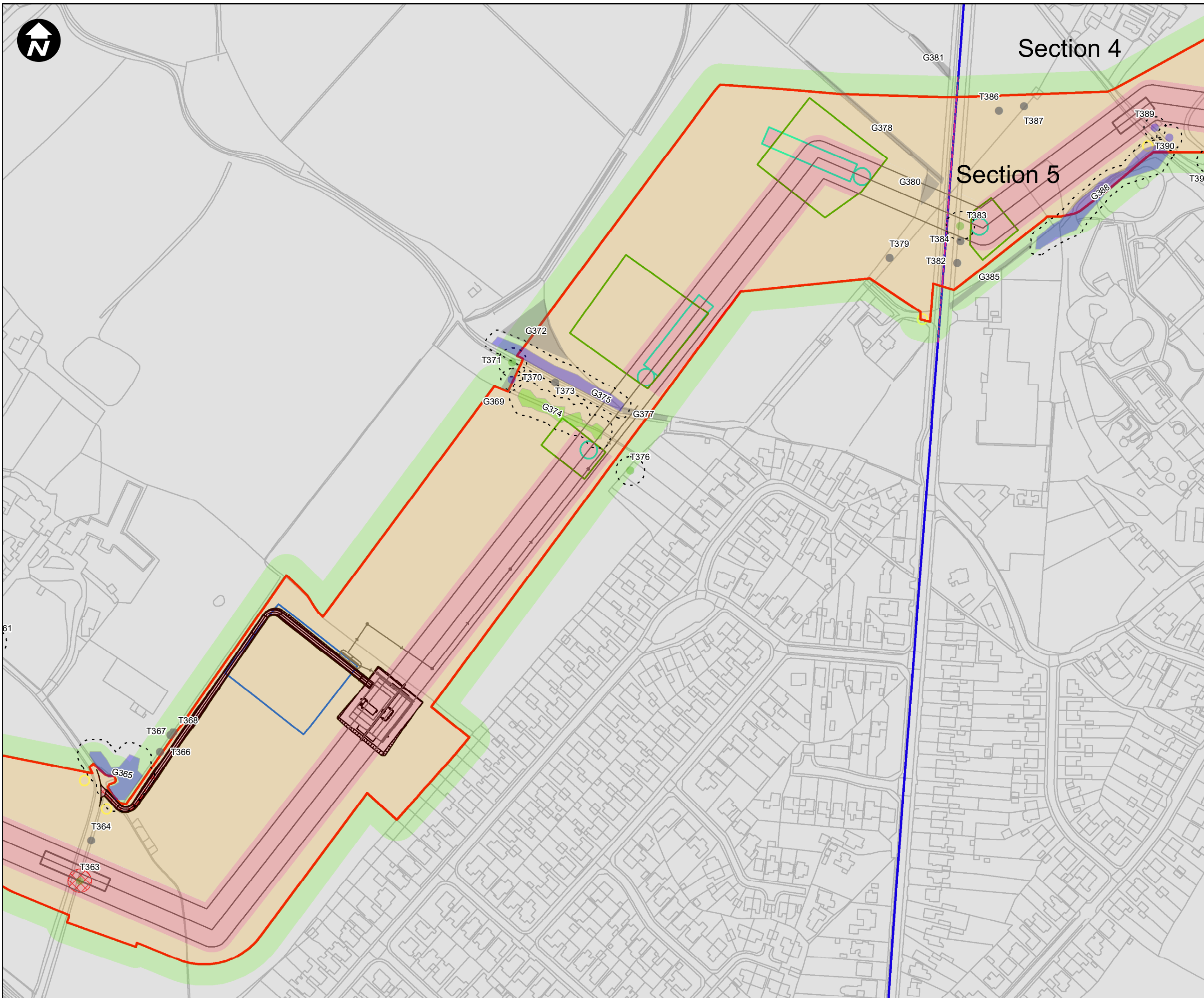
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EN070007-APP-ES-9.11.1-Sheet 33





- Key:**
- New Infrastructure Development Boundary
  - Areas Not Surveyed
  - Proposed Sections
- BS 5837 Tree Category Grading**
- |  |   |
|--|---|
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| <span style="color: blue;">●</span> B  | <span style="background-color: lightblue; border: 1px solid blue; display: inline-block; width: 10px; height: 10px; margin-right: 5px;"></span> B   |
| <span style="color: grey;">●</span> C  | <span style="background-color: lightgrey; border: 1px solid grey; display: inline-block; width: 10px; height: 10px; margin-right: 5px;"></span> C   |
| <span style="color: red;">●</span> U   | <span style="background-color: lightred; border: 1px solid red; display: inline-block; width: 10px; height: 10px; margin-right: 5px;"></span> U     |
- Preliminary Removals
  - Root Protection Areas (RPA)
  - Veteran Trees - RPA's**
  - Veteran Tree to be Retained
  - Veteran Tree at Risk, aiming to Retain
  - Preliminary RAG Impact Assessment**
  - Red - Removed
  - Amber - At Risk
  - Green - Retained
- Constructions Layers**
- Proposed Development Design
  - Trenchless Crossing
  - Centralised Compound
  - Open-cut trench Crossings
  - Trenchless Crossing Compound
  - Construction Access – Existing Access Point
  - Construction Access – New Access Point
  - Localised Compound



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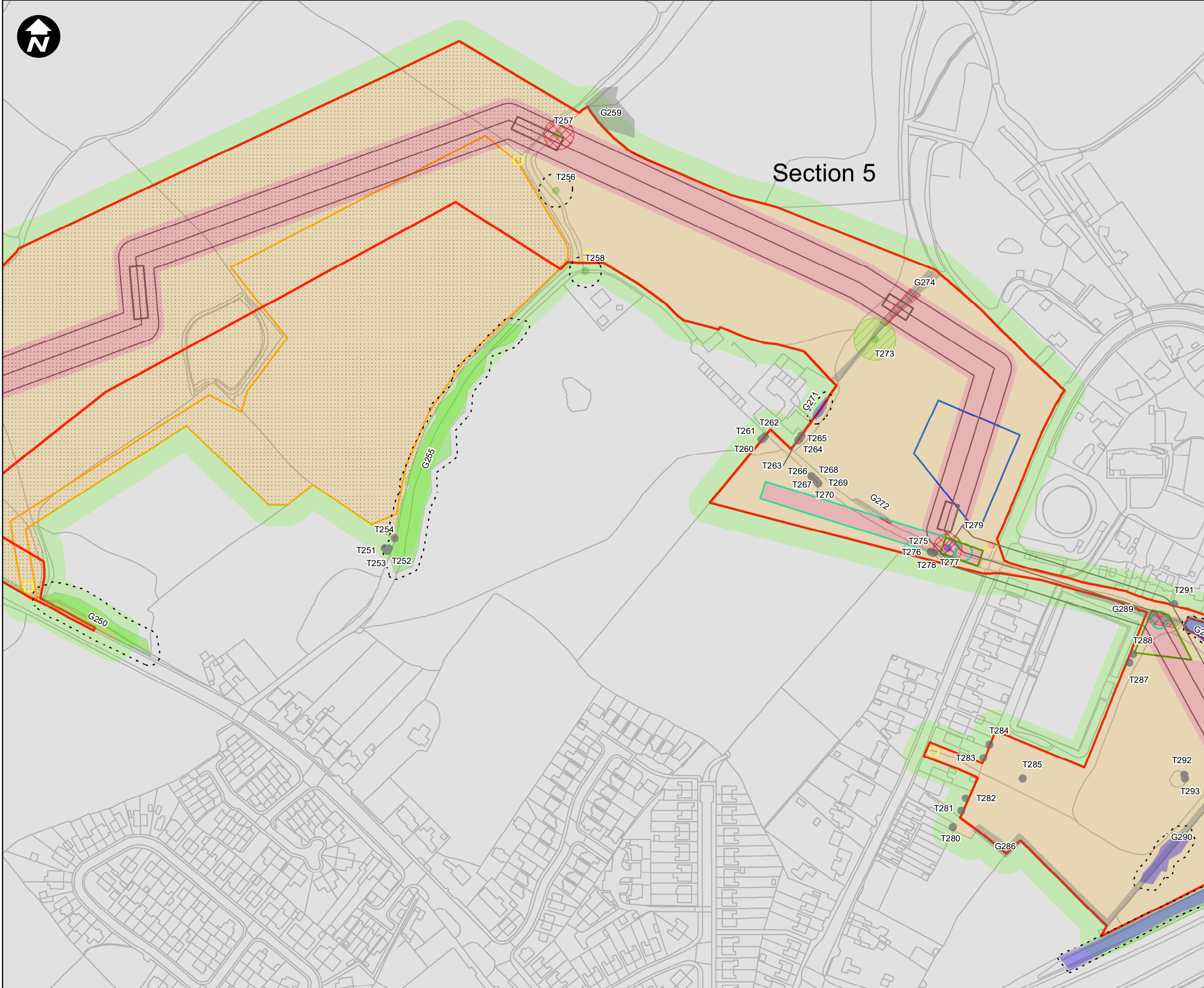
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**DRAWING NUMBER**  
 EN070007-APP-ES-9.11.1-Sheet 34





# Section 5



**Key:**

- New Infrastructure Development Boundary
- Areas Not Surveyed
- Proposed Sections

**BS 5837 Tree Category Grading**

|   |   |
|---|---|
| A | A |
| B | B |
| C | C |
| U | U |

- Preliminary Removals

**Root Protection Areas (RPA)**

- Root Protection Areas (RPA)

**Veteran Trees - RPA's**

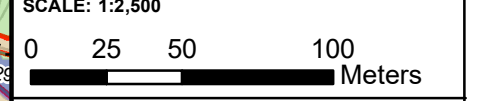
- Veteran Tree to be Retained
- Veteran Tree at Risk, aiming to Retain

**Preliminary RAG Impact Assessment**

- Red - Removed
- Amber - At Risk
- Green - Retained

**Constructions Layers**

- Proposed Development Design
- Trenchless Crossing
- Centralised Compound
- Open-cut trench Crossings
- Trenchless Crossing Compound
- Construction Access - Existing Access Point
- Construction Access - New Access Point
- Localised Compound



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Preliminary Constraints and Impacts Plan  
Page 36 of 46

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EN070007-APP-ES-9.11.1-Sheet 36



# Section 5

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### Key:

- New Infrastructure Development Boundary
- Areas Not Surveyed
- Proposed Sections

### BS 5837 Tree Category Grading

- A
- B
- C
- U
- A
- B
- C
- U

### Preliminary Removes

- Preliminary Removes

### Root Protection Areas (RPA)

- Root Protection Areas (RPA)

### Veteran Trees - RPA's

- Veteran Tree to be Retained
- Veteran Tree at Risk, aiming to Retain

### Preliminary RAG Impact Assessment

- Red - Removed
- Amber - At Risk
- Green - Retained

### Constructions Layers

- Proposed Development Design
- Trenchless Crossing
- Centralised Compound
- Open-cut trench Crossings
- Trenchless Crossing Compound
- Construction Access - Existing Access Point
- Construction Access - New Access Point
- Localised Compound

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## HyNet North West

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**HyNet Carbon Dioxide Pipeline DCO**

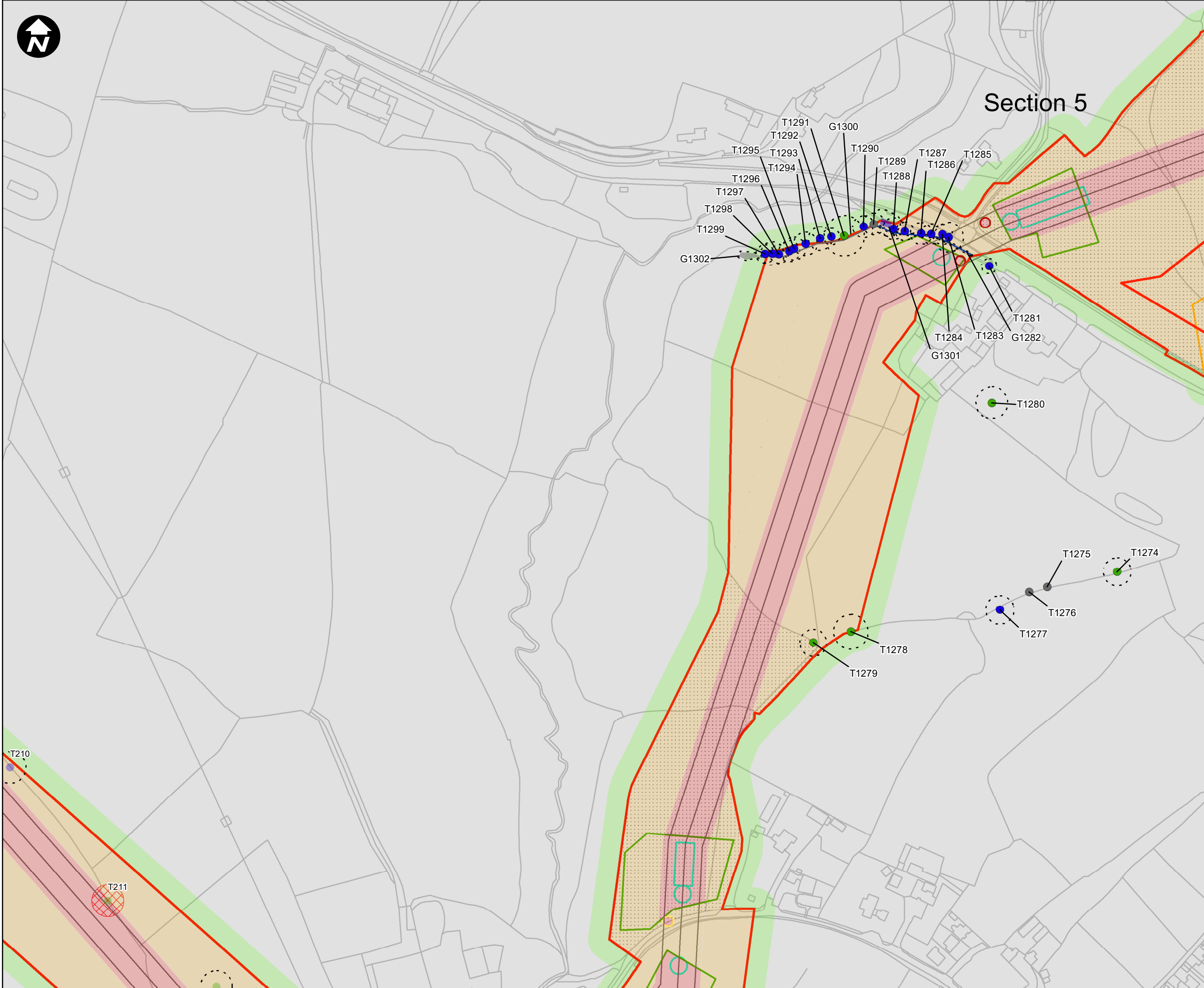
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**Preliminary Constraints and Impacts Plan**  
Page 37 of 46

DRAWING STATUS  
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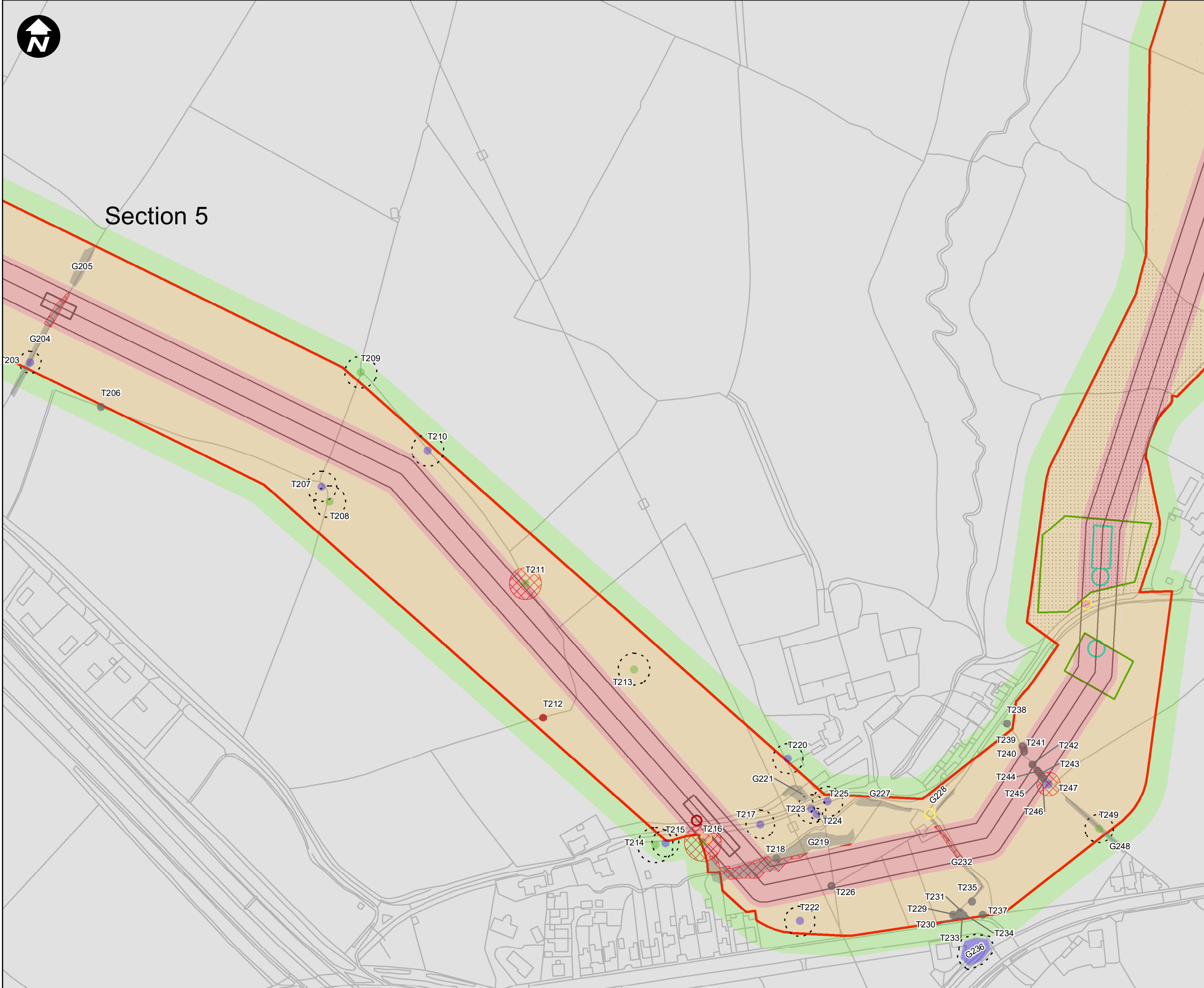
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EN070007-APP-ES-9.11.1-Sheet 37





# Section 5



**Key:**

- New Infrastructure Development Boundary
- Areas Not Surveyed
- Proposed Sections

**BS 5837 Tree Category Grading**

- A
- B
- C
- U
- A
- B
- C
- U

Preliminary Removals

**Root Protection Areas (RPA)**

- Root Protection Areas (RPA)

**Veteran Trees - RPA's**

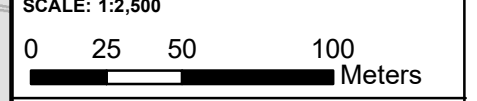
- Veteran Tree to be Retained
- Veteran Tree at Risk, aiming to Retain

**Preliminary RAG Impact Assessment**

- Red - Removed
- Amber - At Risk
- Green - Retained

**Constructions Layers**

- Proposed Development Design
- Trenchless Crossing
- Centralised Compound
- Open-cut trench Crossings
- Trenchless Crossing Compound
- Construction Access - Existing Access Point
- Construction Access - New Access Point
- Localised Compound



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**HyNet Carbon Dioxide Pipeline DCO**

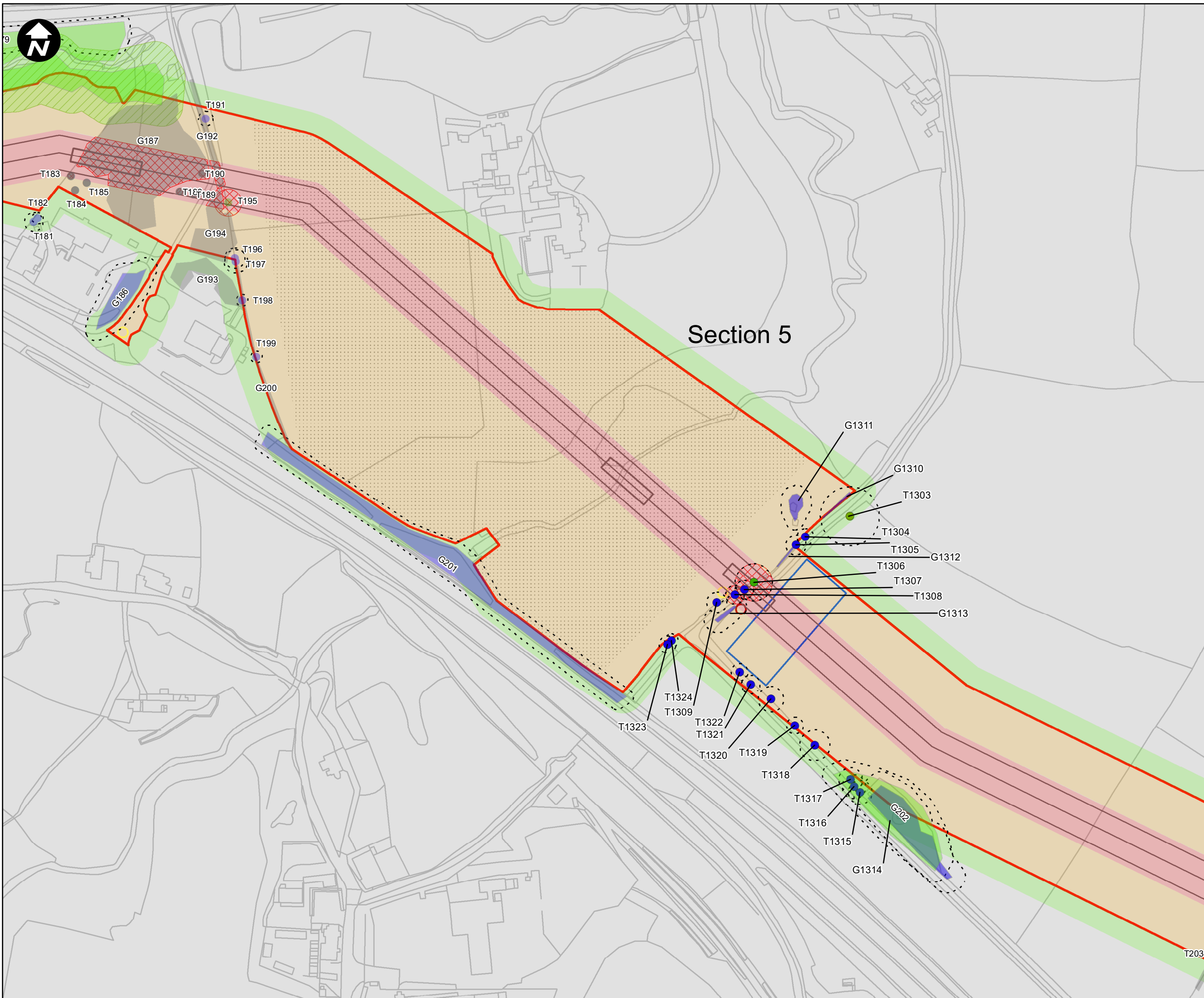
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Page 38 of 46**

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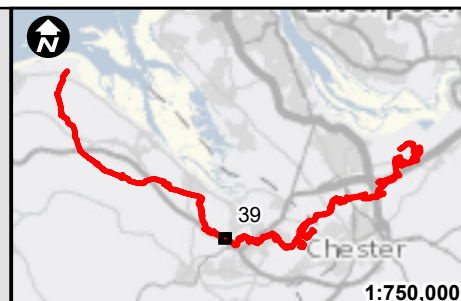
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EN070007-APP-ES-9.11.1-Sheet 38



Section 5



**Key:**

- New Infrastructure Development Boundary
- Areas Not Surveyed
- Proposed Sections

**BS 5837 Tree Category Grading**

|  |   |
|--|---|
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| <span style="color: blue;">●</span> B  | <span style="background-color: lightblue; border: 1px solid blue; display: inline-block; width: 10px; height: 10px; margin-right: 5px;"></span> B   |
| <span style="color: grey;">●</span> C  | <span style="background-color: lightgrey; border: 1px solid grey; display: inline-block; width: 10px; height: 10px; margin-right: 5px;"></span> C   |
| <span style="color: red;">●</span> U   | <span style="background-color: lightred; border: 1px solid red; display: inline-block; width: 10px; height: 10px; margin-right: 5px;"></span> U     |

- Preliminary Removals
- Root Protection Areas (RPA)
- Root Protection Areas (RPA)

**Veteran Trees - RPA's**

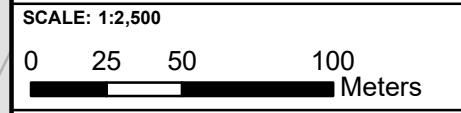
- Veteran Tree to be Retained
- Veteran Tree at Risk, aiming to Retain

**Preliminary RAG Impact Assessment**

- Red - Removed
- Amber - At Risk
- Green - Retained

**Constructions Layers**

- Proposed Development Design
- Trenchless Crossing
- Centralised Compound
- Open-cut trench Crossings
- Trenchless Crossing Compound
- Construction Access – Existing Access Point
- Construction Access – New Access Point
- Localised Compound



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**HyNet Carbon Dioxide Pipeline DCO**

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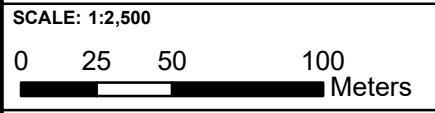
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EN070007-APP-ES-9.11.1-Sheet 39

**Key:**

- New Infrastructure Development Boundary
  - Areas Not Surveyed
  - Proposed Sections
- BS 5837 Tree Category Grading**
- |   |   |
|---|---|
| A | A |
| B | B |
| C | C |
| U | U |

- Preliminary Removals
- Root Protection Areas (RPA)**
- Root Protection Areas (RPA)
- Veteran Trees - RPA's**
- Veteran Tree to be Retained
  - Veteran Tree at Risk, aiming to Retain
- Preliminary RAG Impact Assessment**
- Red - Removed
  - Amber - At Risk
  - Green - Retained

- Constructions Layers**
- Proposed Development Design
  - Trenchless Crossing
  - Centralised Compound
  - Open-cut trench Crossings
  - Trenchless Crossing Compound
  - Construction Access - Existing Access Point
  - Construction Access - New Access Point
  - Localised Compound



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# HyNet North West

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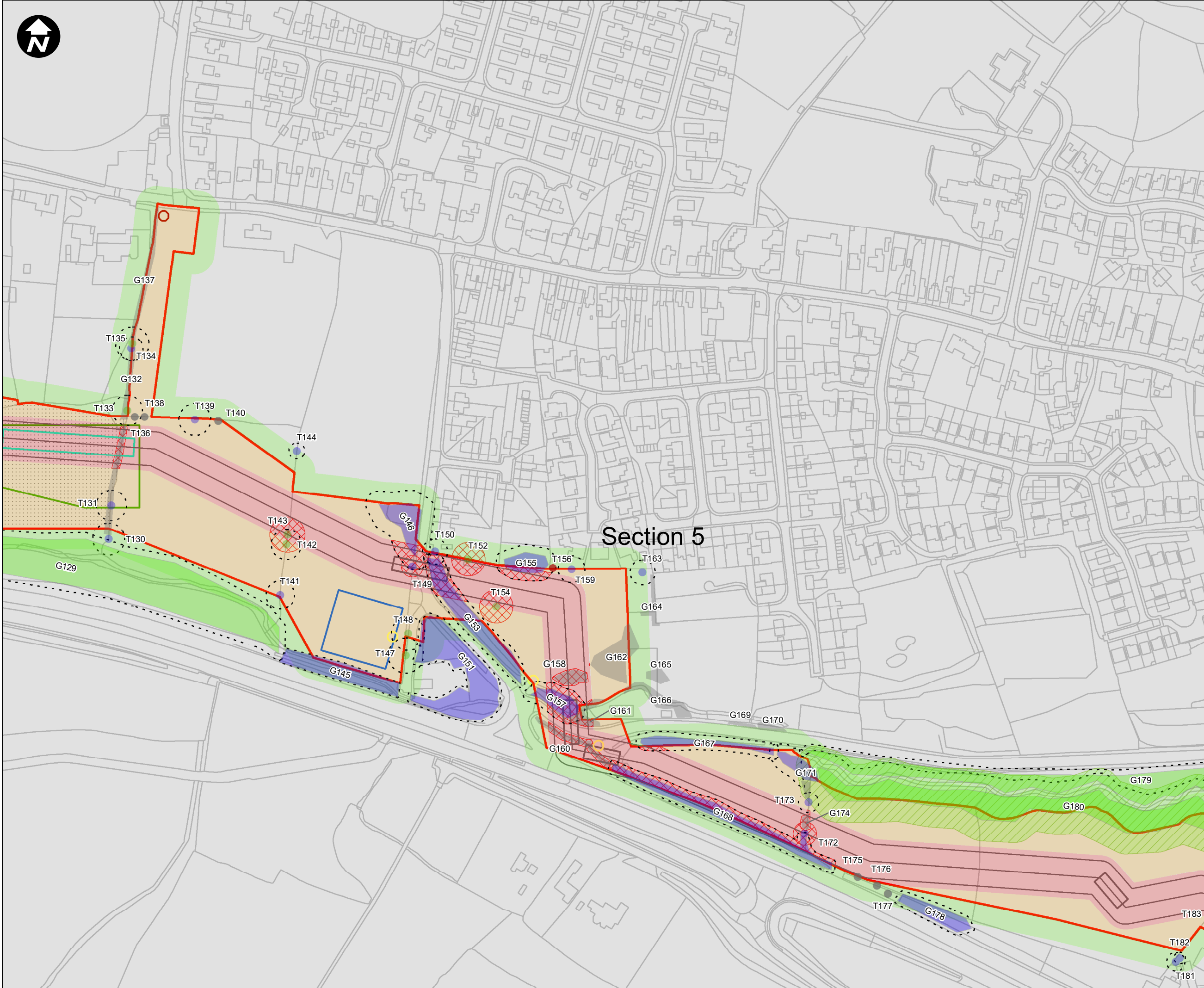
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**Preliminary Constraints and Impacts Plan  
Page 40 of 46**

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Final for DCO Examination - submitted at Deadline 7

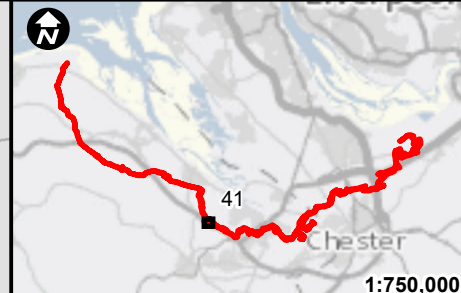
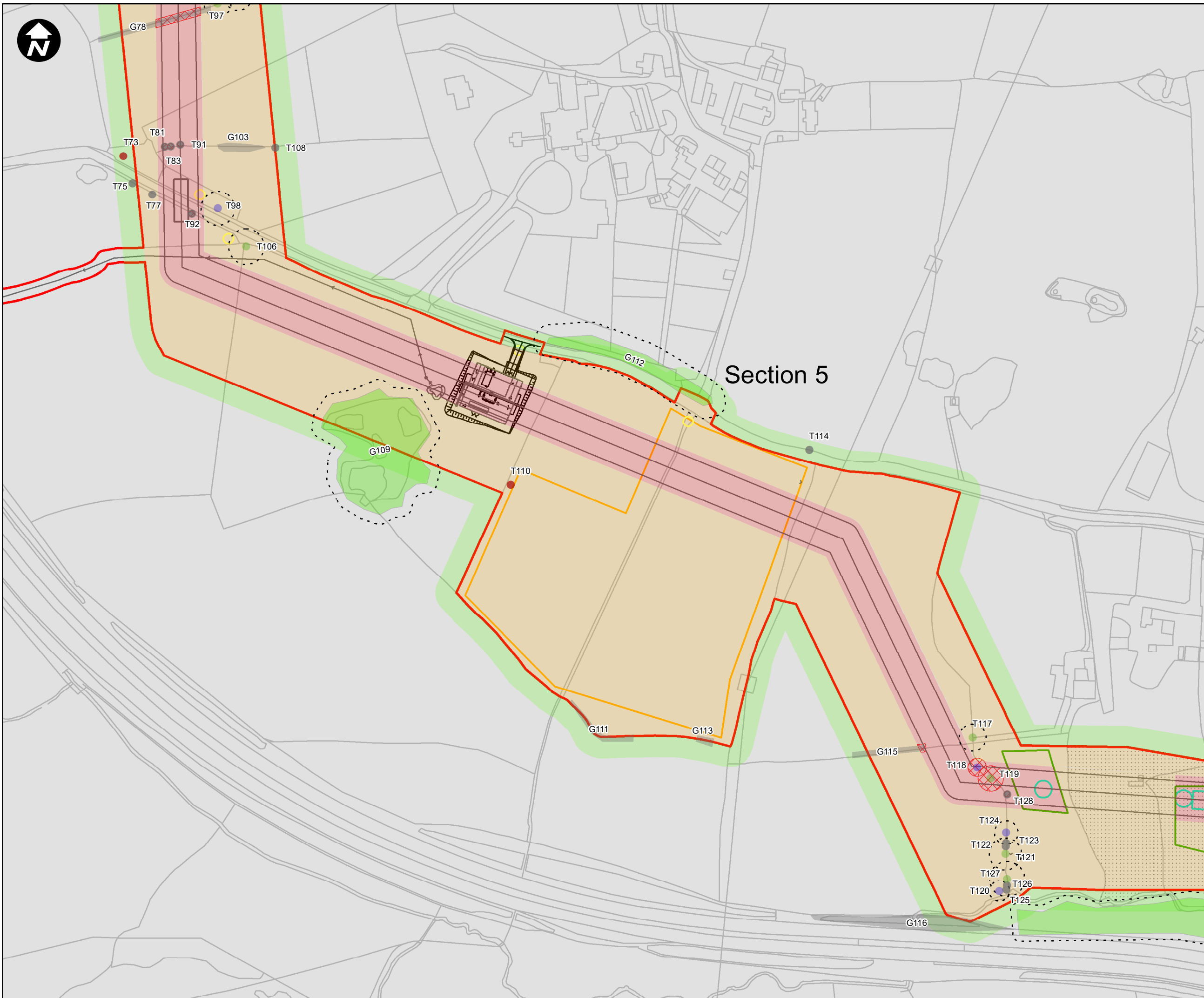
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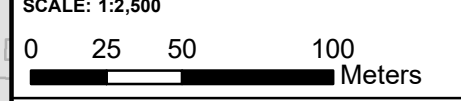
DRAWING NUMBER  
EN070007-APP-ES-9.11.1-Sheet 40



## Section 5



- Key:**
- New Infrastructure Development Boundary
  - Areas Not Surveyed
  - Proposed Sections
- BS 5837 Tree Category Grading**
- |  |   |
|--|---|
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| <span style="color: blue;">●</span> B  | <span style="background-color: lightblue; border: 1px solid blue; display: inline-block; width: 15px; height: 10px; margin-right: 5px;"></span> B   |
| <span style="color: grey;">●</span> C  | <span style="background-color: lightgrey; border: 1px solid grey; display: inline-block; width: 15px; height: 10px; margin-right: 5px;"></span> C   |
| <span style="color: red;">●</span> U   | <span style="background-color: lightred; border: 1px solid red; display: inline-block; width: 15px; height: 10px; margin-right: 5px;"></span> U     |
- Preliminary Removals
- Root Protection Areas (RPA)**
- Root Protection Areas (RPA)
- Veteran Trees - RPA's**
- Veteran Tree to be Retained
  - Veteran Tree at Risk, aiming to Retain
- Preliminary RAG Impact Assessment**
- Red - Removed
  - Amber - At Risk
  - Green - Retained
- Constructions Layers**
- Proposed Development Design
  - Trenchless Crossing
  - Centralised Compound
  - Open-cut trench Crossings
  - Trenchless Crossing Compound
  - Construction Access – Existing Access Point
  - Construction Access – New Access Point
  - Localised Compound



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# HyNet North West

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**Key:**

- New Infrastructure Development Boundary
- Areas Not Surveyed
- Proposed Sections

**BS 5837 Tree Category Grading**

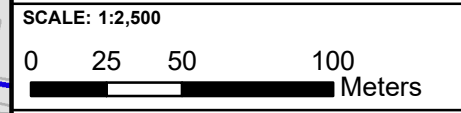
- A
- B
- C
- U

**Preliminary RAG Impact Assessment**

- Red - Removed
- Amber - At Risk
- Green - Retained

**Constructions Layers**

- Proposed Development Design
- Trenchless Crossing
- Centralised Compound
- Open-cut trench Crossings
- Trenchless Crossing Compound
- Construction Access - Existing Access Point
- Construction Access - New Access Point
- Localised Compound



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**HyNet North West**

**PROJECT TITLE**  
HyNet Carbon Dioxide Pipeline DCO

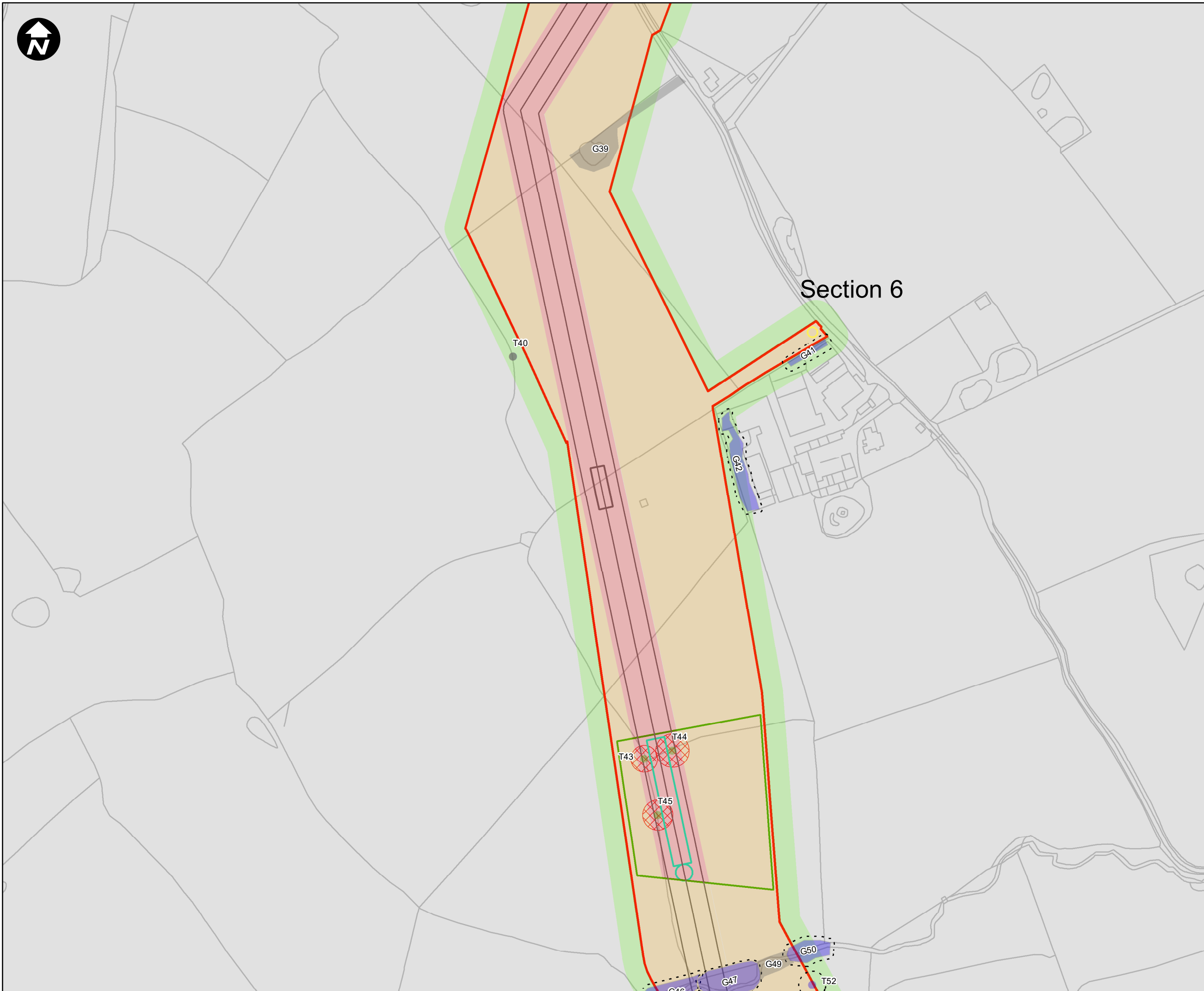
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Preliminary Constraints and Impacts Plan  
Page 42 of 46

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**DRAWING NUMBER**  
EN070007-APP-ES-9.11.1-Sheet 42



**Key:**

- New Infrastructure Development Boundary
- Areas Not Surveyed
- Proposed Sections

**BS 5837 Tree Category Grading**

|   |   |
|---|---|
| A | A |
| B | B |
| C | C |
| U | U |

- Preliminary Removals

**Root Protection Areas (RPA)**

- Root Protection Areas (RPA)

**Veteran Trees - RPA's**

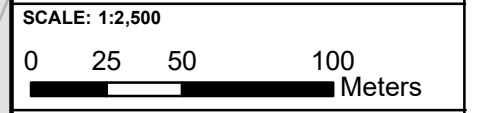
- Veteran Tree to be Retained
- Veteran Tree at Risk, aiming to Retain

**Preliminary RAG Impact Assessment**

- Red - Removed
- Amber - At Risk
- Green - Retained

**Constructions Layers**

- Proposed Development Design
- Trenchless Crossing
- Centralised Compound
- Open-cut trench Crossings
- Trenchless Crossing Compound
- Construction Access – Existing Access Point
- Construction Access – New Access Point
- Localised Compound



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**PROJECT TITLE**  
HyNet Carbon Dioxide Pipeline DCO

**DRAWING TITLE**  
Preliminary Constraints and Impacts Plan  
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Final for DCO Examination - submitted at Deadline 7

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EN070007-APP-ES-9.11.1-Sheet 43



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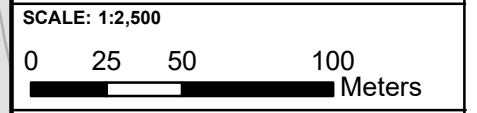
- New Infrastructure Development Boundary
- Areas Not Surveyed
- Proposed Sections

**BS 5837 Tree Category Grading**

|   |   |
|---|---|
| A | A |
| B | B |
| C | C |
| U | U |

- Preliminary Removals
- Root Protection Areas (RPA)
- Veteran Trees - RPA's
- Preliminary RAG Impact Assessment
- Constructions Layers

Section 6



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PROJECT TITLE  
**HyNet Carbon Dioxide Pipeline DCO**

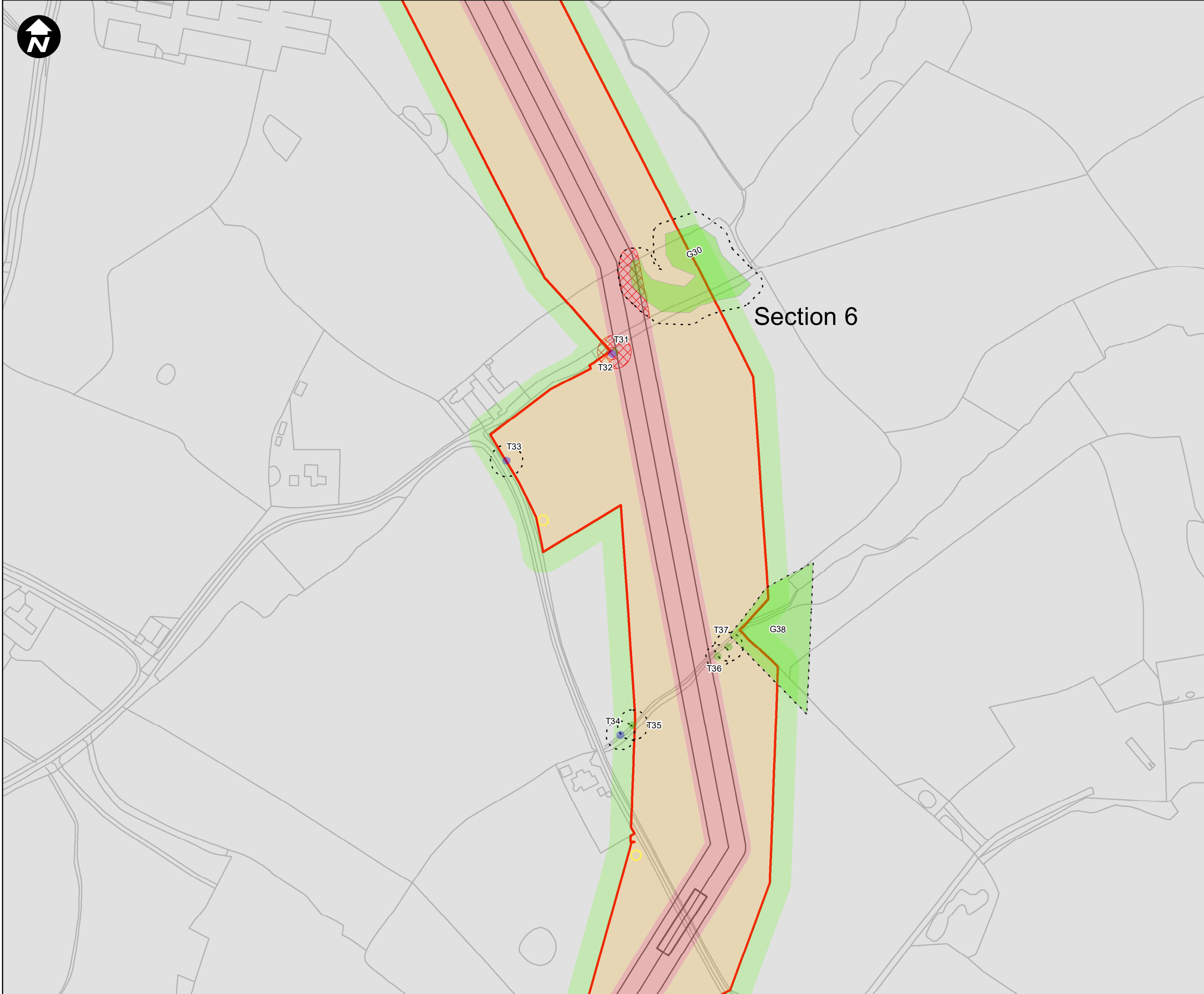
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**Preliminary Constraints and Impacts Plan  
Page 44 of 46**

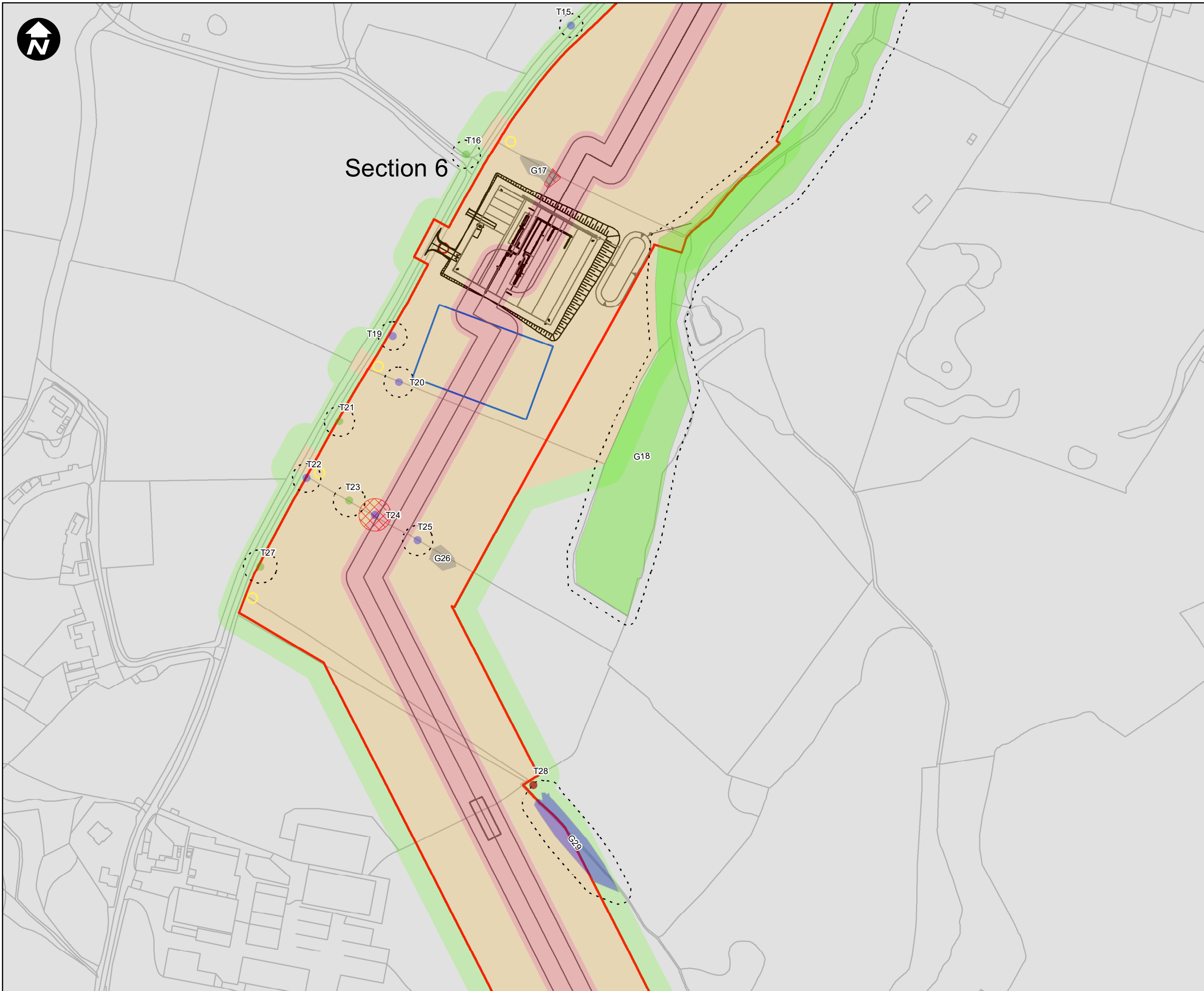
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EN070007-APP-ES-9.11.1-Sheet 44





Section 6



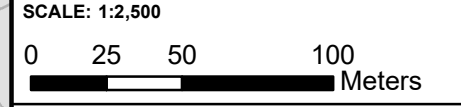
**Key:**

- New Infrastructure Development Boundary
- Areas Not Surveyed
- Proposed Sections

**BS 5837 Tree Category Grading**

|     |     |
|-----|-----|
| ● A | ■ A |
| ● B | ■ B |
| ● C | ■ C |
| ● U | ■ U |

- Preliminary Removals
- Root Protection Areas (RPA)
  - Root Protection Areas (RPA)
  - Veteran Trees - RPA's
    - Veteran Tree to be Retained
    - Veteran Tree at Risk, aiming to Retain
- Preliminary RAG Impact Assessment
  - Red - Removed
  - Amber - At Risk
  - Green - Retained
- Constructions Layers
  - Proposed Development Design
  - Trenchless Crossing
  - Centralised Compound
  - Open-cut trench Crossings
  - Trenchless Crossing Compound
  - Construction Access – Existing Access Point
  - Construction Access – New Access Point
  - Localised Compound



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# HyNet North West

**PROJECT TITLE**  
HyNet Carbon Dioxide Pipeline DCO

**DRAWING TITLE**  
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Page 45 of 46

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EN070007-APP-ES-9.11.1-Sheet 45



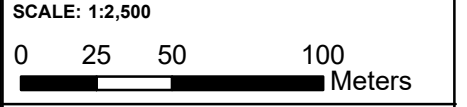
**Key:**

- New Infrastructure Development Boundary
- Areas Not Surveyed
- Proposed Sections

**BS 5837 Tree Category Grading**

|     |     |
|-----|-----|
| ● A | ■ A |
| ● B | ■ B |
| ● C | ■ C |
| ● U | ■ U |

- Preliminary Removals
- Root Protection Areas (RPA)
  - Root Protection Areas (RPA)
- Veteran Trees - RPA's
  - Veteran Tree to be Retained
  - Veteran Tree at Risk, aiming to Retain
- Preliminary RAG Impact Assessment
  - Red - Removed
  - Amber - At Risk
  - Green - Retained
- Constructions Layers
  - Proposed Development Design
  - Trenchless Crossing
  - Centralised Compound
  - Open-cut trench Crossings
  - Trenchless Crossing Compound
  - Construction Access - Existing Access Point
  - Construction Access - New Access Point
  - Localised Compound



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# HyNet North West

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**HyNet Carbon Dioxide Pipeline DCO**

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**Preliminary Constraints and Impacts Plan  
Page 46 of 46**

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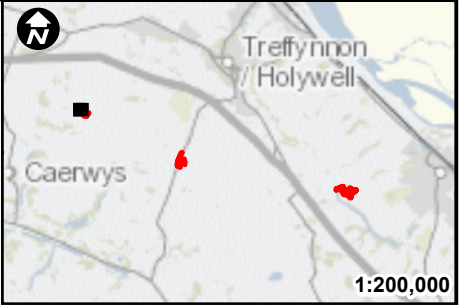
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DRAWING NUMBER  
EN070007-APP-ES-9.11.1-Sheet 46

# **ANNEX E – TREE REMOVAL AND PROTECTION PLAN (SECTION 7 OF THE DCO PROPOSED DEVELOPMENT)**

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- Key:**
- New Infrastructure Development Boundary
  - Babel BVS
  - Indicative Tree Removals
  - Arboricultural Study Area
  - Root Protection Area (RPA)
  - Indicative Protective Fencing
  - Arboricultural Study Area
  - Construction Access – Existing Access Point
  - Localised Compound

- BS 5837 Tree Category Grading**
- |  |   |
|--|---|
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| <span style="color: blue;">●</span> B  | <span style="background-color: lightblue; border: 1px solid blue; display: inline-block; width: 15px; height: 10px; margin-right: 5px;"></span> B   |
| <span style="color: grey;">●</span> C  | <span style="background-color: lightgrey; border: 1px solid grey; display: inline-block; width: 15px; height: 10px; margin-right: 5px;"></span> C   |
| <span style="color: red;">●</span> U   | <span style="background-color: lightred; border: 1px solid red; display: inline-block; width: 15px; height: 10px; margin-right: 5px;"></span> U     |



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## HyNet North West

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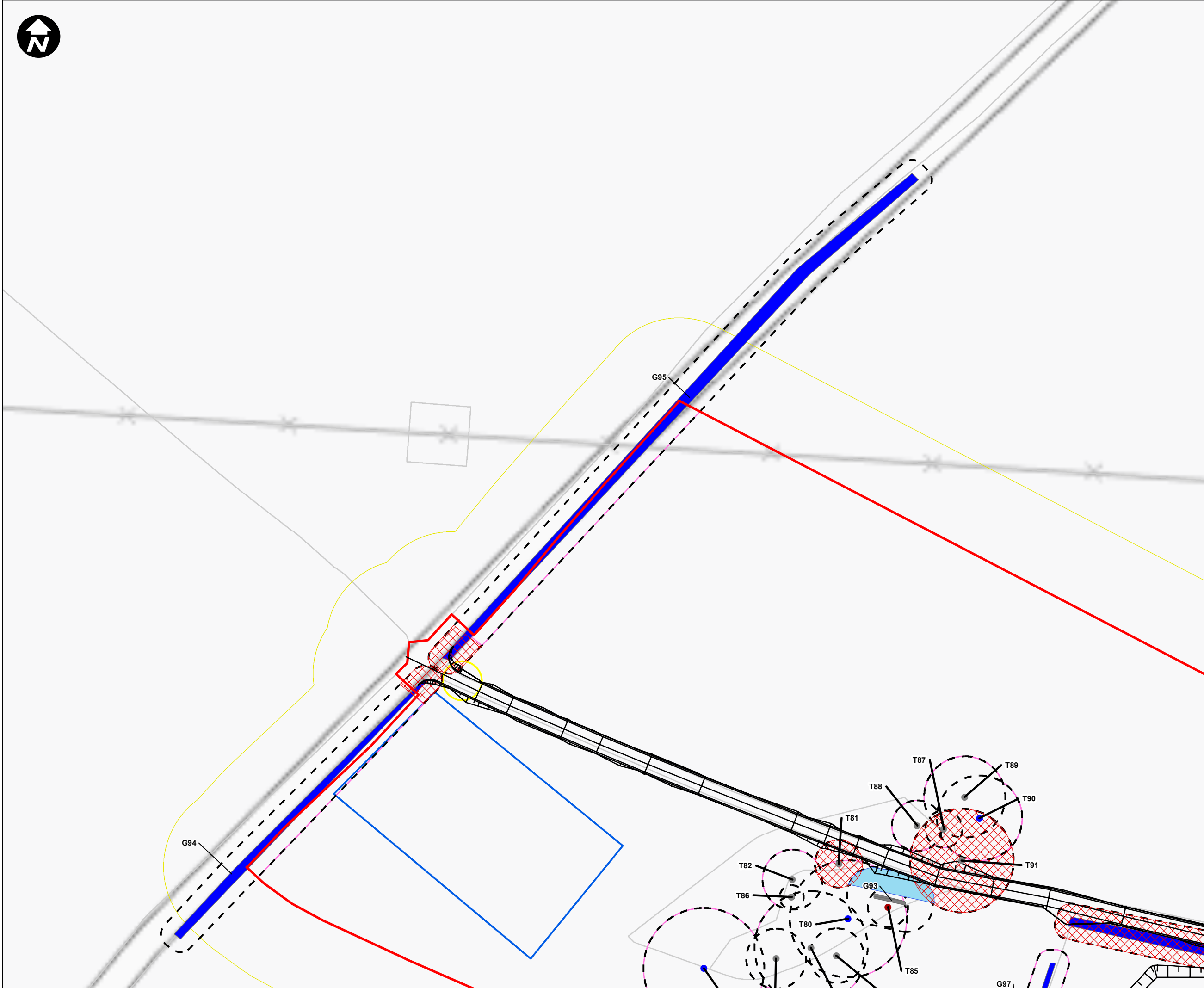
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Tree Removal and Protection Plan  
Page 1 of 11

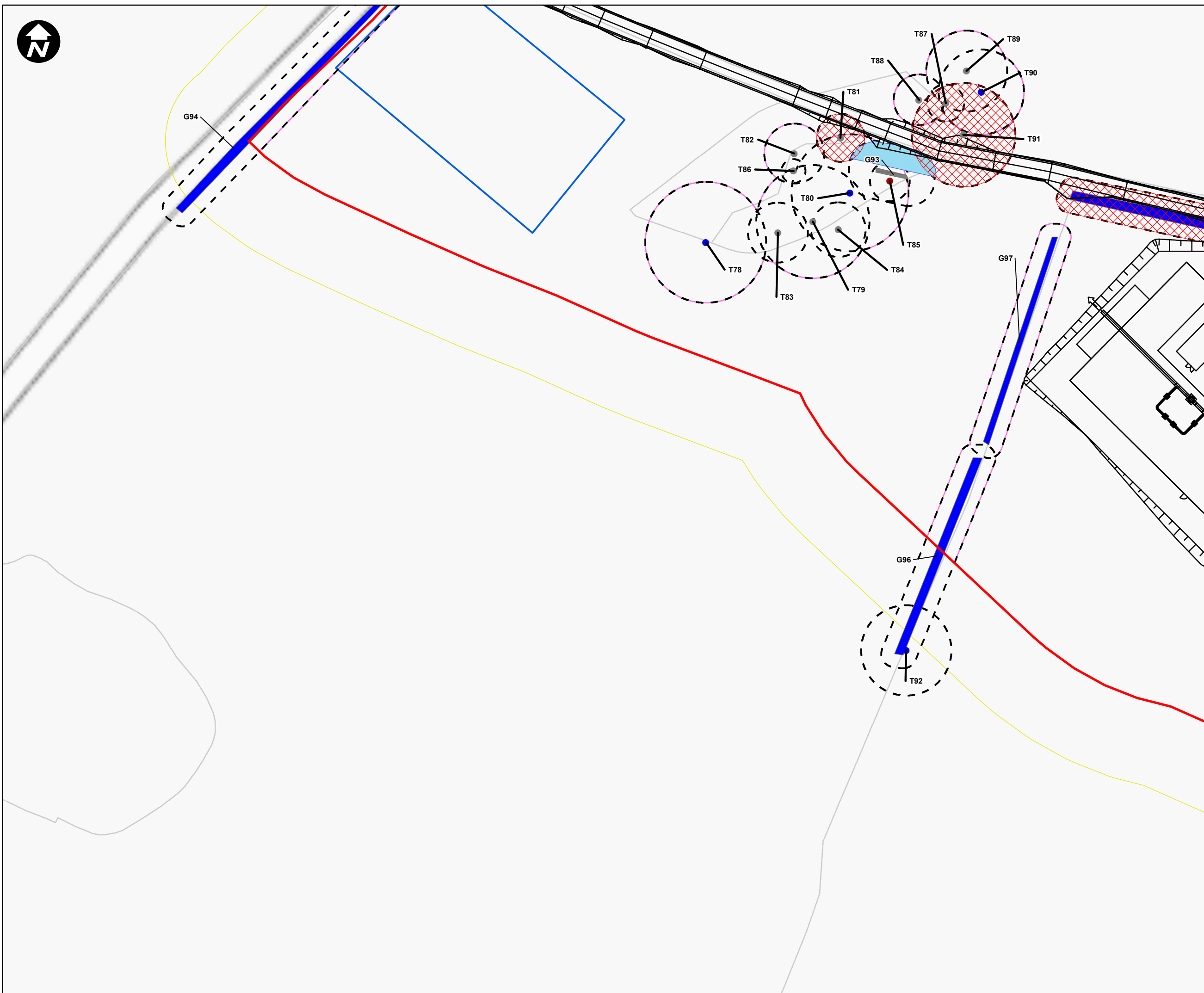
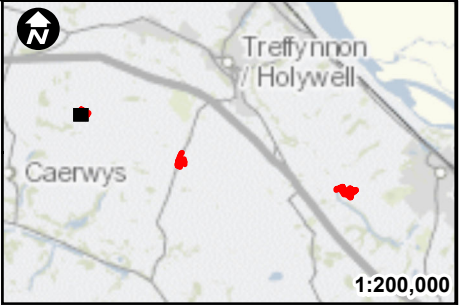
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**Key:**

- New Infrastructure Development Boundary
- Babel BVS
- Indicative Tree Removals
- Arboricultural Study Area
- Root Protection Area (RPA)
- Indicative Protective Fencing
- Arboricultural Study Area
- Localised Compound

**BS 5837 Tree Category Grading**

|     |     |
|-----|-----|
| ● A | ■ A |
| ● B | ■ B |
| ● C | ■ C |
| ● U | ■ U |



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**HyNet Carbon Dioxide Pipeline DCO**

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Tree Removal and Protection Plan  
Page 2 of 11

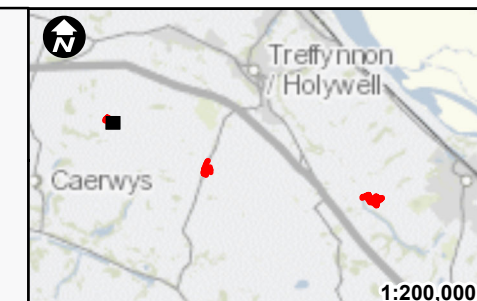
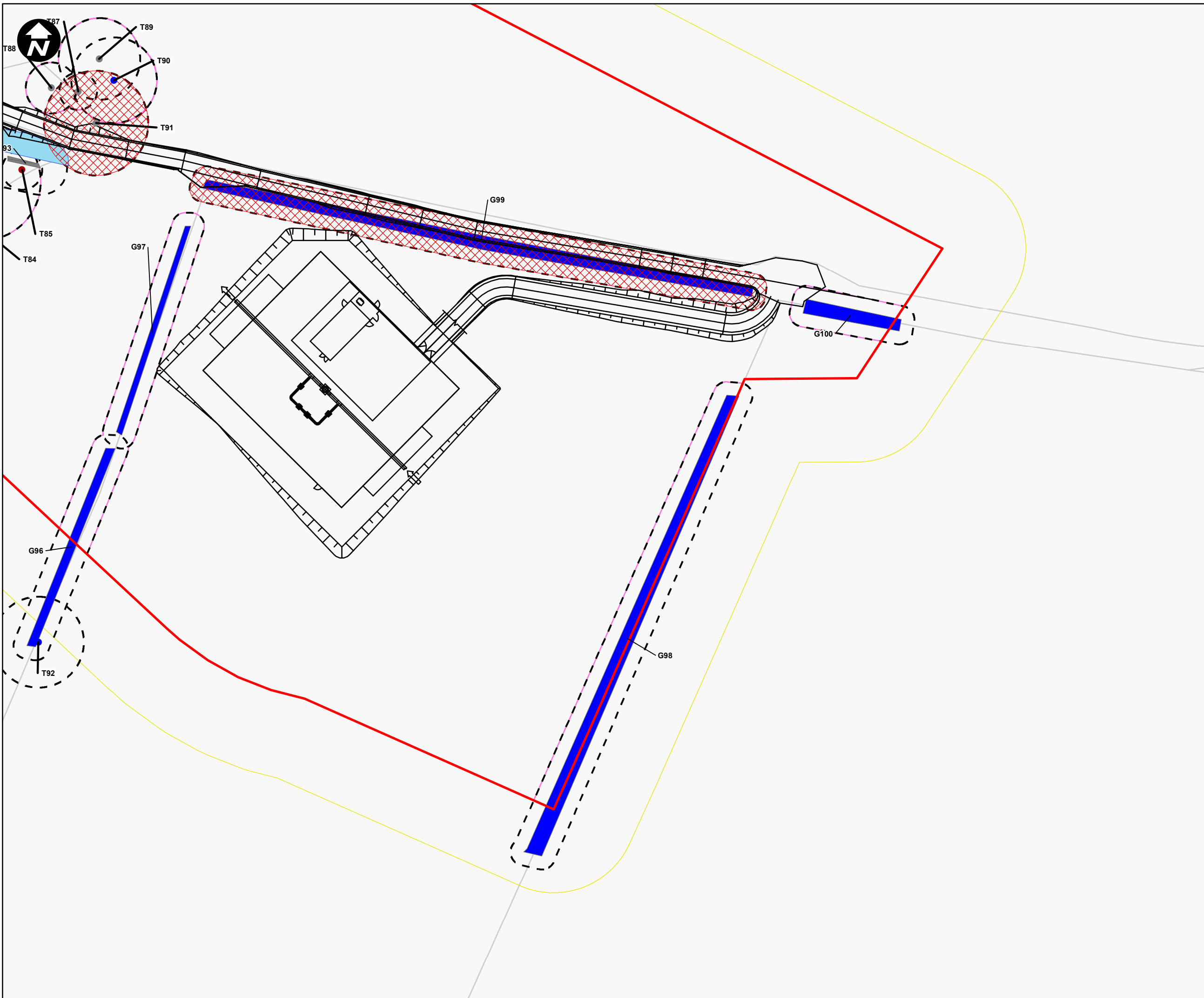
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**Key:**

- New Infrastructure Development Boundary
- Babel BVS
- Indicative Tree Removals
- Arboricultural Study Area
- Root Protection Area (RPA)
- Indicative Protective Fencing
- Arboricultural Study Area

**BS 5837 Tree Category Grading**

|   |   |   |   |
|---|---|---|---|
| ● | A | <span style="background-color: lightgreen; display: inline-block; width: 15px; height: 10px;"></span> | A |
| ● | B | <span style="background-color: blue; display: inline-block; width: 15px; height: 10px;"></span>       | B |
| ● | C | <span style="background-color: grey; display: inline-block; width: 15px; height: 10px;"></span>       | C |
| ● | U | <span style="background-color: red; display: inline-block; width: 15px; height: 10px;"></span>        | U |



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**HyNet Carbon Dioxide Pipeline DCO**

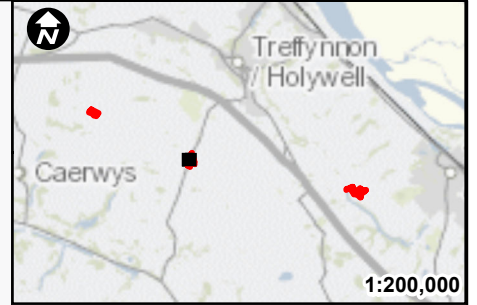
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Tree Removal and Protection Plan  
Page 3 of 11

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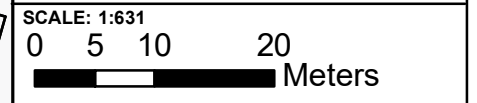
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- Key:**
- New Infrastructure Development Boundary
  - Pentre Halkyn BVS
  - Indicative Tree Removals
  - Root Protection Area (RPA)
  - Indicative Protective Fencing
  - Arboricultural Study Area
  - Construction Access – Existing Access Point
  - Localised Compound

- BS 5837 Tree Category Grading**
- |     |     |
|-----|-----|
| ● A | ■ A |
| ● B | ■ B |
| ● C | ■ C |
| ● U | ■ U |



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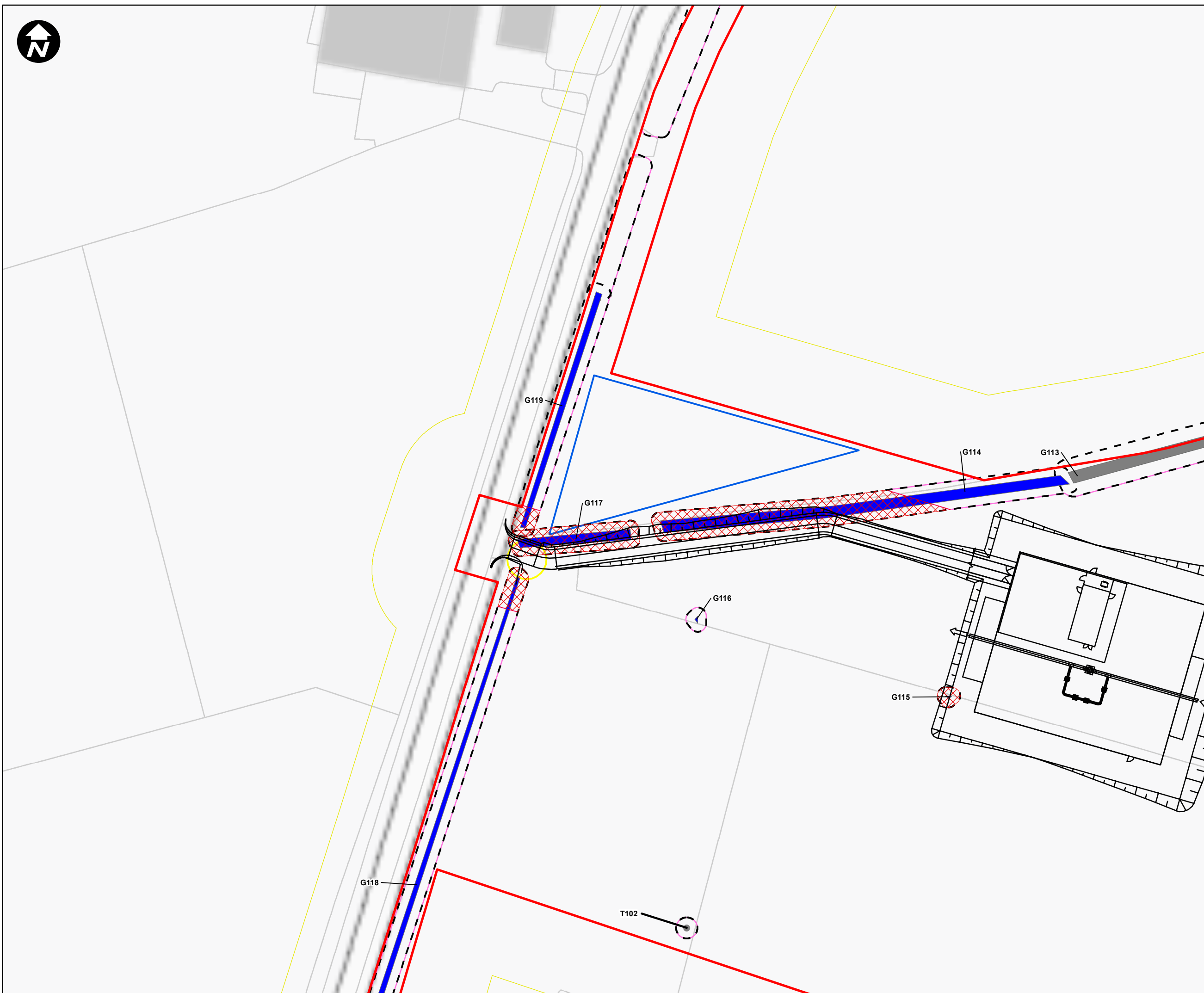
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Page 4 of 11

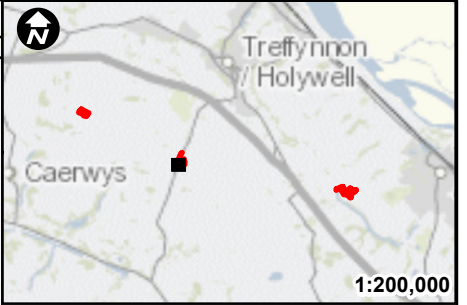
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70070865-APP-ES-9.1.1-Sheet Page 4 of 11





**Key:**

- New Infrastructure Development Boundary
- Pentre Halkyn BVS
- Root Protection Area (RPA)
- Indicative Protective Fencing
- Arboricultural Study Area

**BS 5837 Tree Category Grading**

|  |  |
|--|--|
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**HyNet Carbon Dioxide Pipeline DCO**

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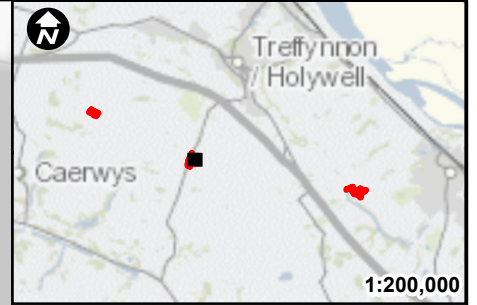
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 70070865-APP-ES-9.1.1-Sheet Page 5 of 11





- Key:**
- New Infrastructure Development Boundary
  - Pentre Halkyn BVS
  - Indicative Tree Removals
  - Root Protection Area (RPA)
  - Indicative Protective Fencing
  - Arboricultural Study Area
  - Localised Compound

- BS 5837 Tree Category Grading**
- |  |  |
|--|--|
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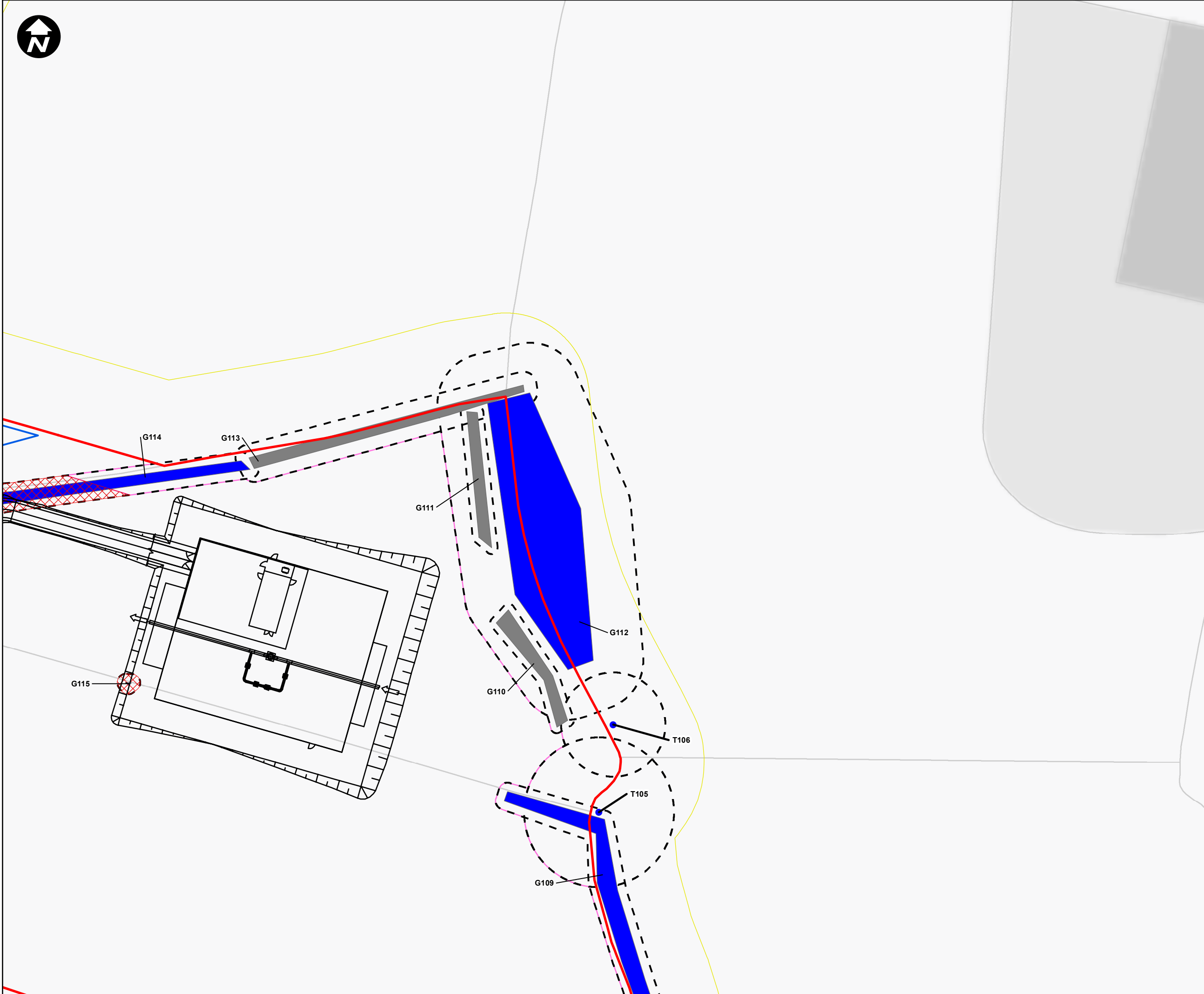
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Page 6 of 11

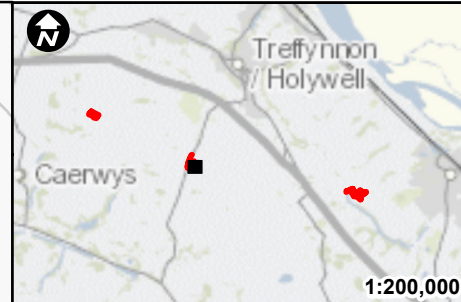
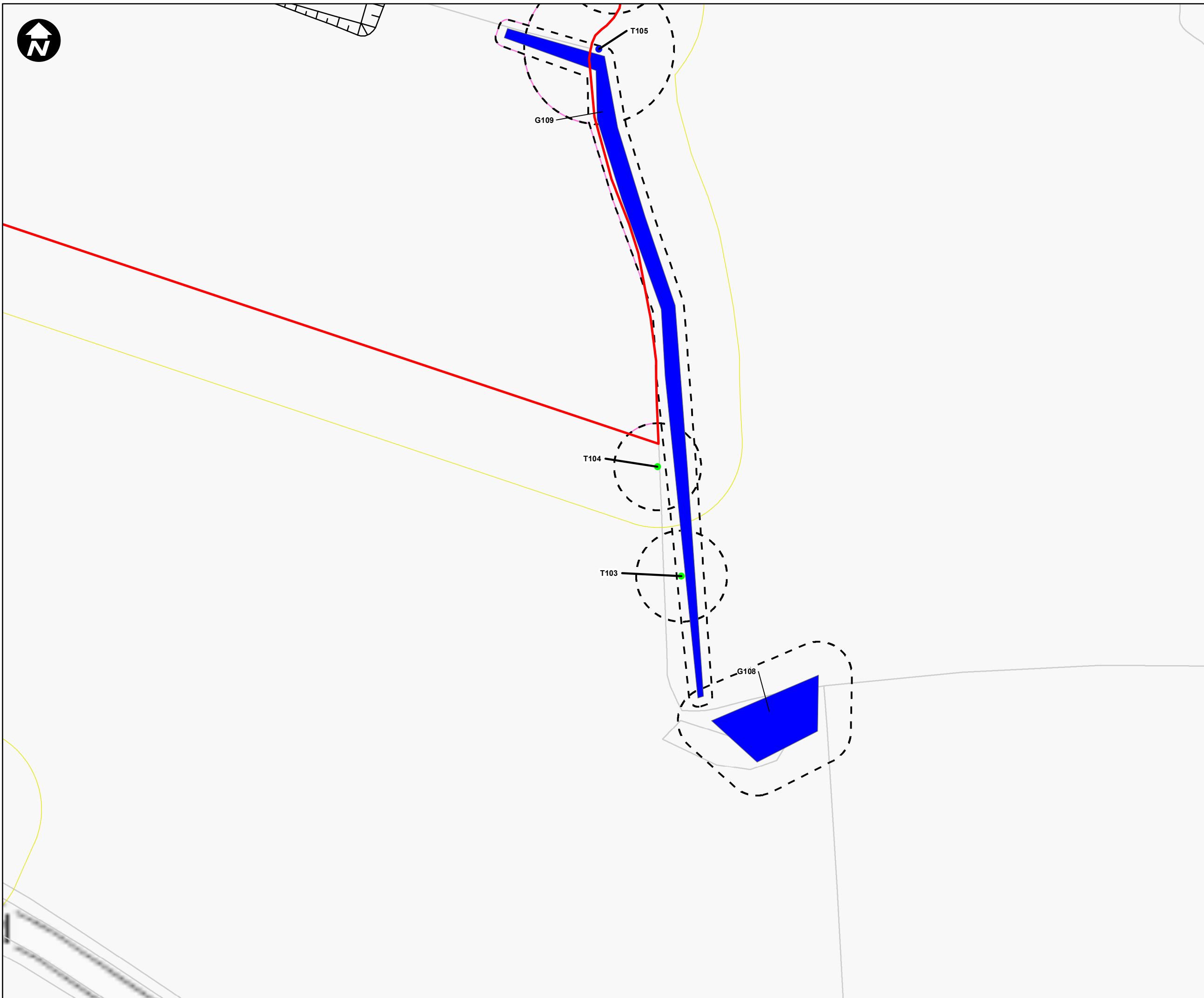
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70070865-APP-ES-9.1.1-Sheet Page 6 of 11





**Key:**

- New Infrastructure Development Boundary
- Pentre Halkyn BVS
- Root Protection Area (RPA)
- Indicative Protective Fencing
- Arboricultural Study Area

**BS 5837 Tree Category Grading**

|     |     |
|-----|-----|
| ● A | ■ A |
| ● B | ■ B |
| ● C | ■ C |
| ● U | ■ U |



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**HyNet North West**

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**HyNet Carbon Dioxide Pipeline DCO**

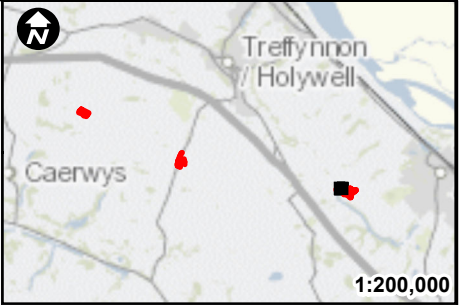
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- Key:**
- New Infrastructure Development Boundary
  - Indicative Tree Removals
  - Root Protection Area (RPA)
  - Indicative Protective Fencing
  - Arboricultural Study Area
  - Construction Access – Existing Access Point

- BS 5837 Tree Category Grading**
- |   |   |
|---|---|
| A | A |
| B | B |
| C | C |
| U | U |

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**HyNet North West**

PROJECT TITLE  
**HyNet Carbon Dioxide Pipeline DCO**

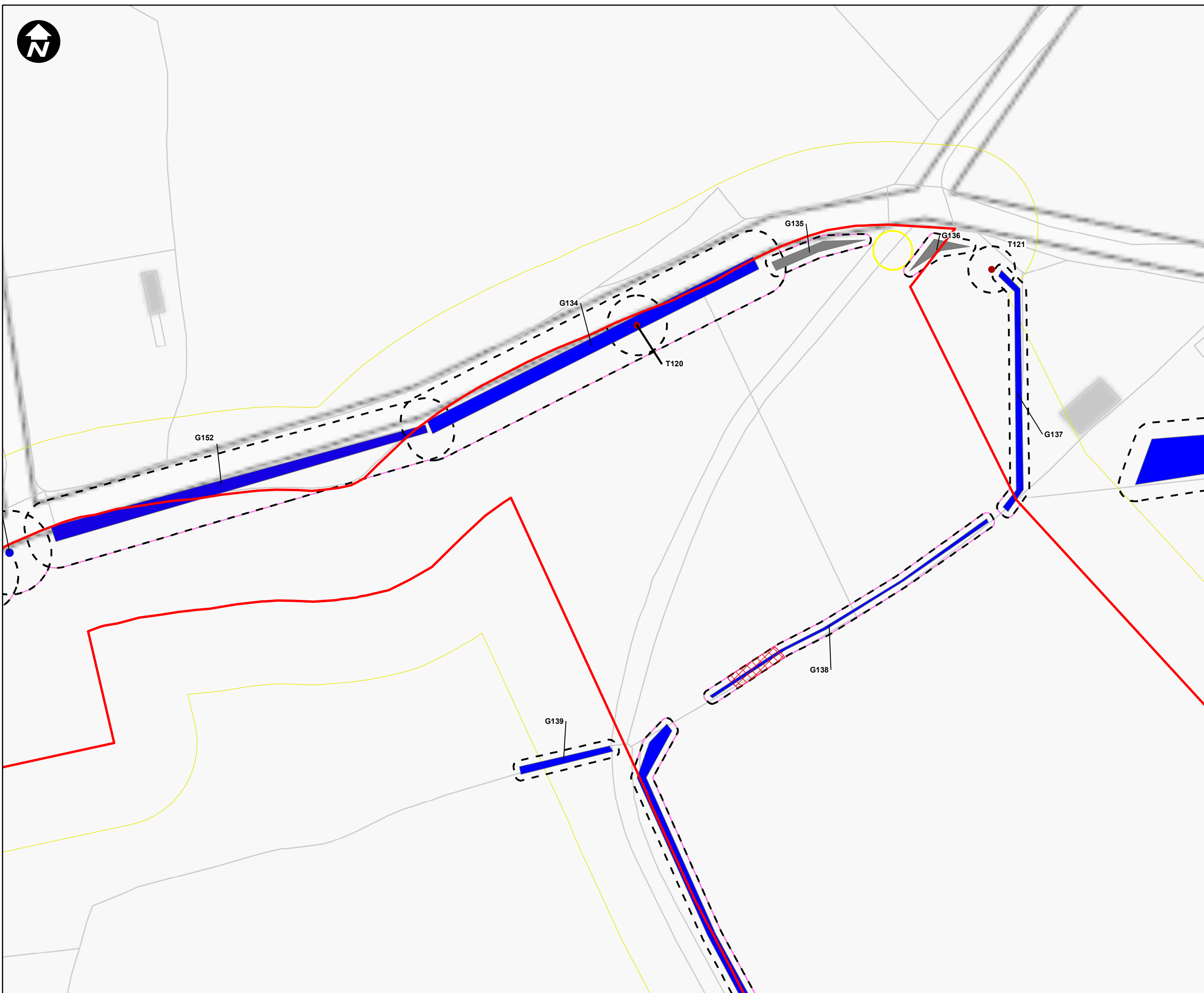
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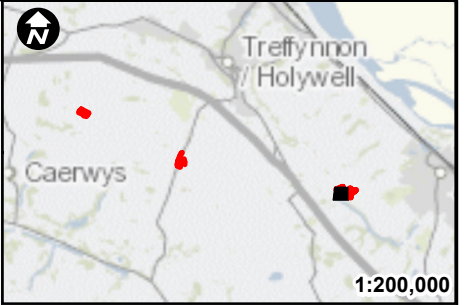
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 70070865-APP-ES-9.1.1-Sheet Page 8 of 11





- Key:**
- New Infrastructure Development Boundary
  - Root Protection Area (RPA)
  - Indicative Protective Fencing
  - Arboricultural Study Area

- BS 5837 Tree Category Grading**
- |   |   |
|---|---|
| A | A |
| B | B |
| C | C |
| U | U |



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**HyNet Carbon Dioxide Pipeline DCO**

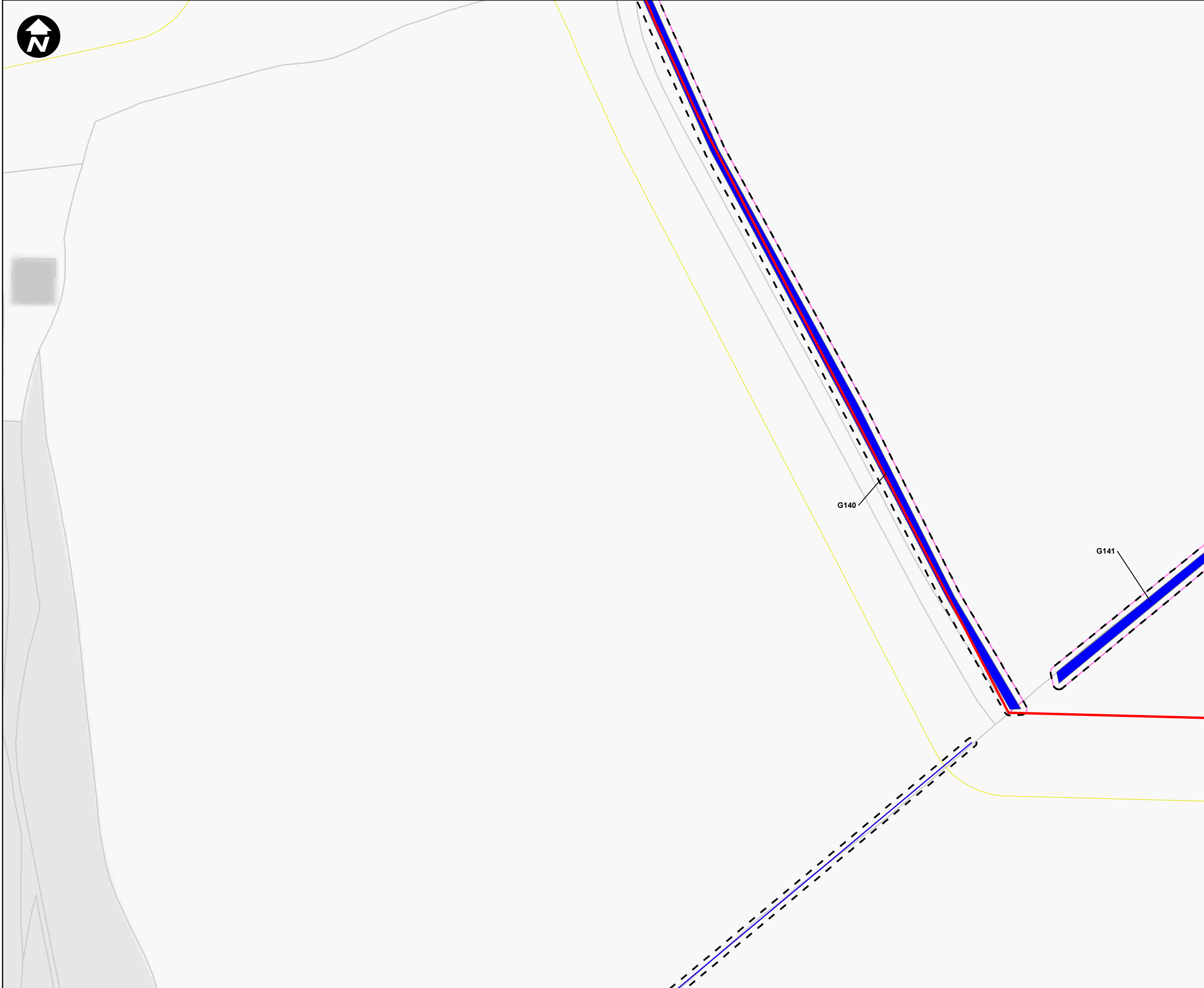
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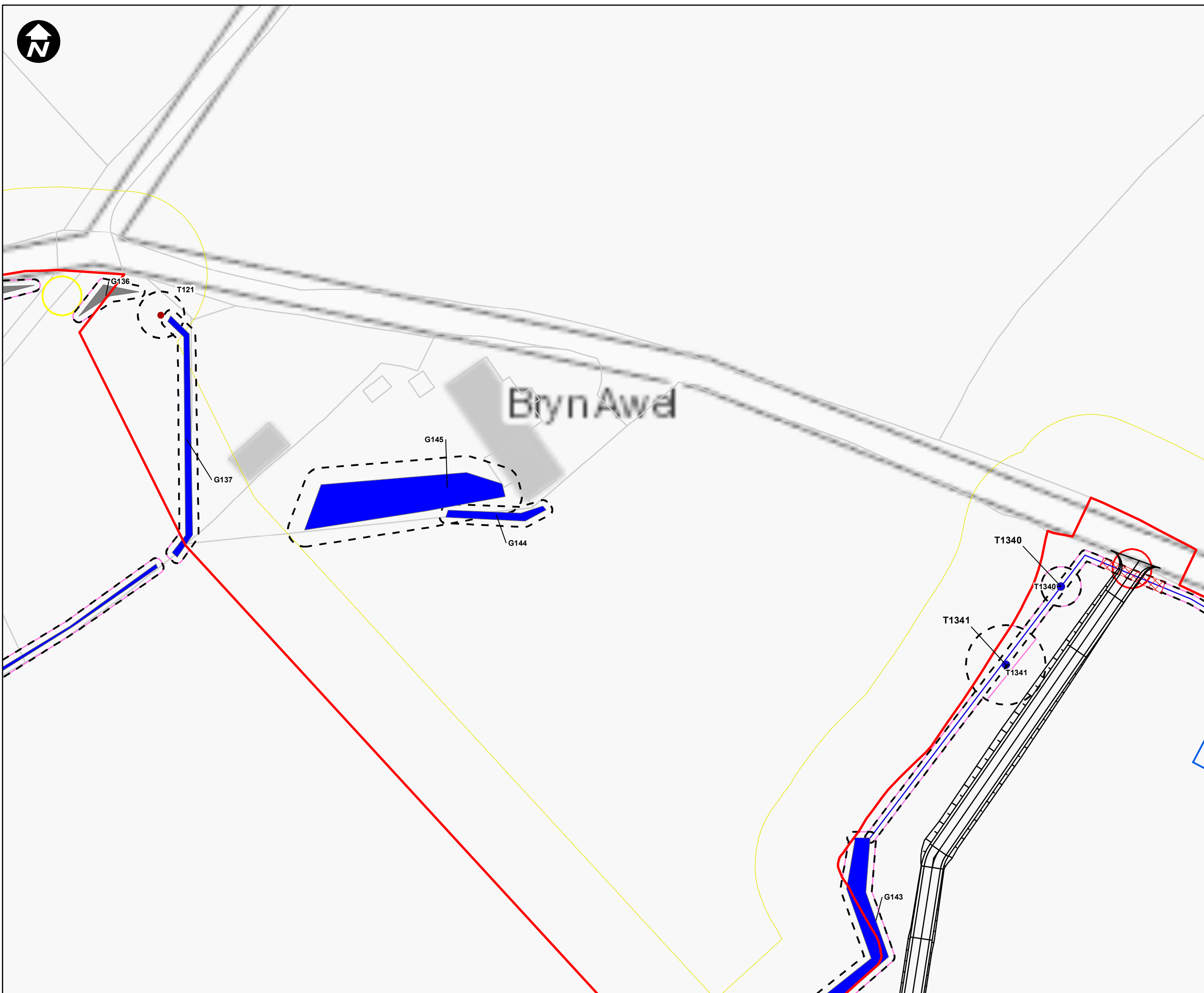
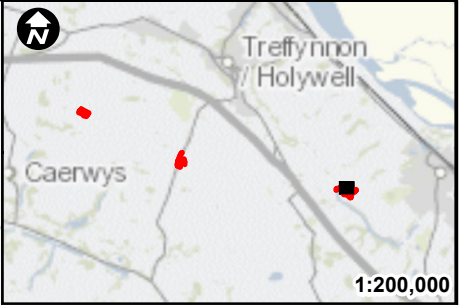
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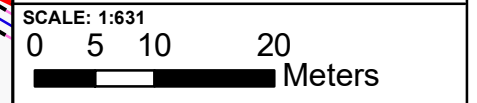
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70070865-APP-ES-9.1.1-Sheet Page 9 of 11





- Key:**
- New Infrastructure Development Boundary
  - Cornist Lane BVS
  - Indicative Tree Removals
  - Root Protection Area (RPA)
  - Indicative Protective Fencing
  - Arboricultural Study Area
  - Construction Access – Existing Access Point
  - Construction Access – New Access Point
  - Localised Compound

- BS 5837 Tree Category Grading**
- |  |  |
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**HyNet North West**

PROJECT TITLE  
**HyNet Carbon Dioxide Pipeline DCO**

DRAWING TITLE  
Figure 9.11.2  
Tree Removal and Protection Plan  
Page 10 of 11

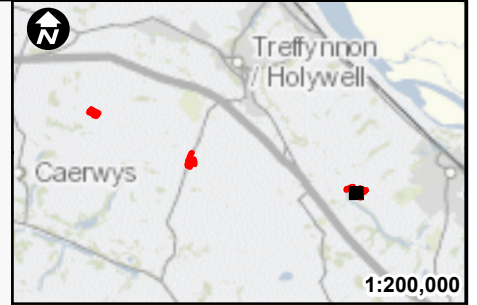
DRAWING STATUS  
Final for DCO Examination - submitted at Deadline 7

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| RH    | JH      | MW       | DC         |

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| 1:631           | 05/09/2023 | C        |

DRAWING NUMBER  
70070865-APP-ES-9.1.1-Sheet Page 10 of 11





- Key:**
- New Infrastructure Development Boundary
  - Cornist Lane BVS
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- BS 5837 Tree Category Grading**
- |     |     |
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| ● A | ■ A |
| ● B | ■ B |
| ● C | ■ C |
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**HyNet North West**

PROJECT TITLE  
**HyNet Carbon Dioxide Pipeline DCO**

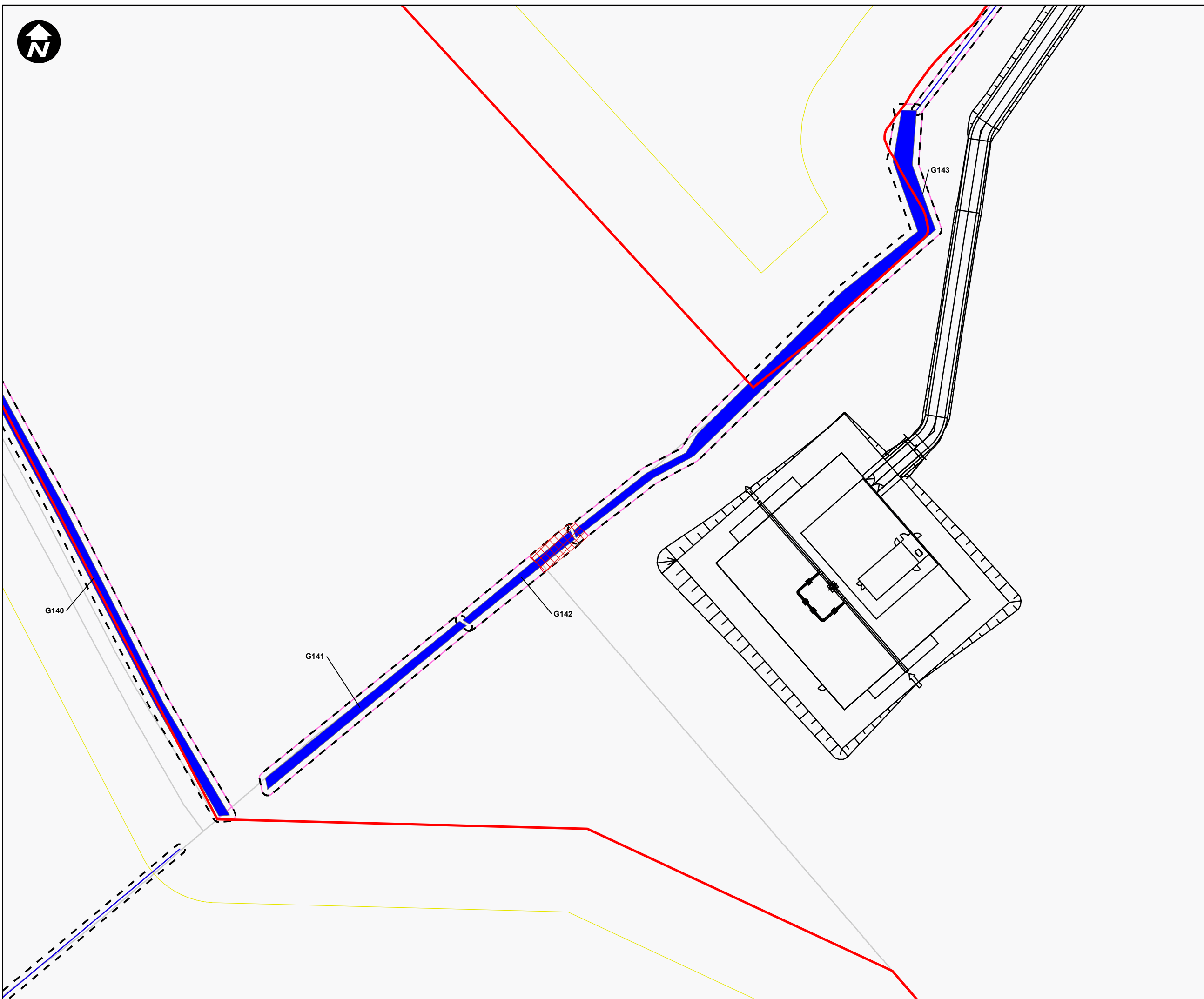
DRAWING TITLE  
Figure 9.11.2  
Tree Removal and Protection Plan  
Page 11 of 11

DRAWING STATUS  
Final for DCO Examination - submitted at Deadline 7

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# ANNEX F – OUTLINE ARBORICULTURAL METHOD STATEMENT

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## INTRODUCTION

The outline Arboricultural Method Statement (AMS) is designed to provide guidance to the Main Contractor to ensure appropriate protection is given to retained trees during the construction stage of the DCO Proposed Development.

The AMS will be a working document and be further developed at the Detailed Design stage with input from the appointed project arboriculturist(s) acting as an Arboricultural Clerk of Works (ACoW). At the Detailed Design stage, a Tree Protection Plan will be developed and will identify the location of mitigation measures to be applied, in conjunction with a specific AMS.

## PHASING

Detailed below is the phasing programme which will be followed by the Main Contractor throughout all stages of the DCO Proposed Development to ensure that trees are protected in accordance with the Arboricultural Method Statement.

### **Phase 1 – Pre-construction**

- Pre-construction site meeting(s) with client, Main Contractor, Local Planning Authorities, engineer and ACoW;
- With reference to design plans and in consultation with client, Main Contractor, LPA and ACoW, confirm the trees to be removed and trees to be retained;
- Install protective fencing for retained trees; and
- Carry out tree removal in line with current best practice and BS3998: 2010 Tree Work – Recommendations.

### **Phase 2 – Construction stage**

- Undertake routine checks to ensure tree protection measures remain fit for purpose; and
- ACoW to undertake monitoring and auditing at intervals agreed at the pre-construction meeting.

### **Phase 3 – Post construction stage**

- Carry out soft landscaping;
- Remove protective fencing; and
- Remove ground protection.

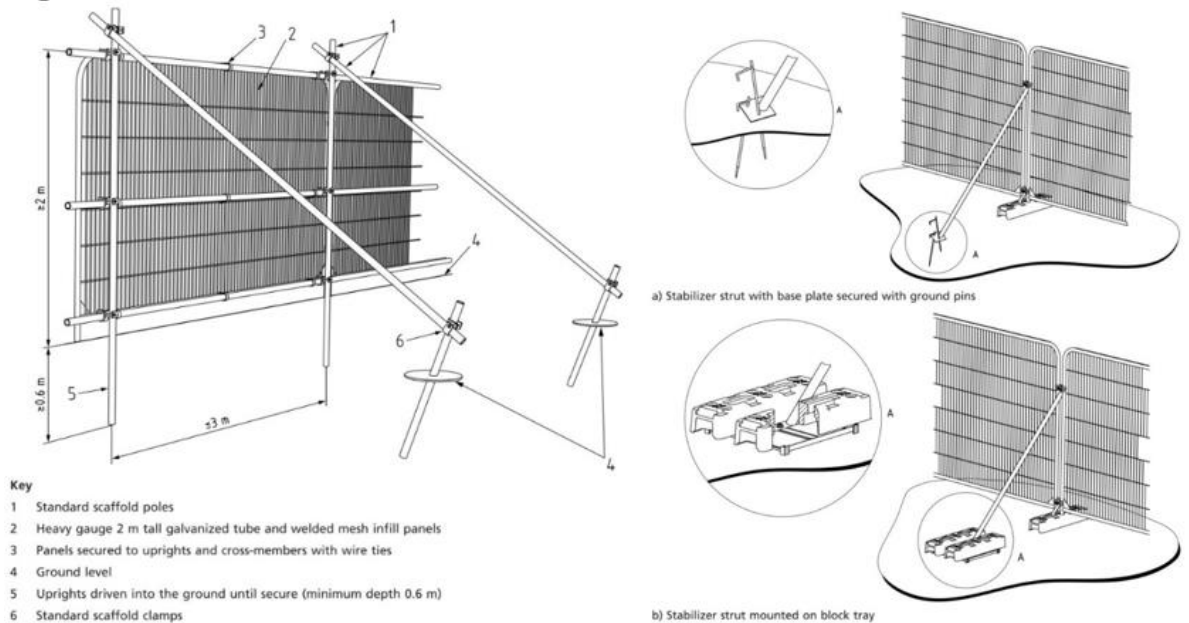
## TREE PROTECTION

Effective tree protection can only be achieved by adherence to a logical sequence of works combined with effective arboricultural monitoring. Tree protection fencing in accordance with BS5837:2012 (or similar and approved) shall be erected for retained trees prior to the commencement of any of the following activities:

- The delivery of any plant or materials;
- Demolition;
- Soil stripping;
- Construction works;
- Installation of utilities; and
- Landscape works.

The protective fencing will be erected to protect retained trees with positioning agreed on site with the ACoW. Typical examples of the type of tree protection fencing are included in **Insert 2**.

### Insert 2 - Examples of tree protection fencing



Extracts taken from BS 5837:2012 - Trees in relation to design, demolition and construction – Recommendations.

All weather notices will be attached to the tree protection fencing at suitable intervals and positioned at eye level. These notices will include suitably sized informative text containing the following statement:

**“TREE PROTECTION FENCING**

**CONSTRUCTION EXCLUSION ZONE – NO ACCESS”**

Once erected these areas will be regarded as sacrosanct, and once installed, barriers will not be removed or altered without prior recommendation by the ACoW and, where necessary, approval from the Local Planning Authority (LPA).

This fencing is to remain in place until completion of all construction works in a given area are complete.

The areas covered by the tree protection fencing are known as the Construction Exclusion Zones (CEZ) and will not be compromised. The following shall apply within these areas:

- No mechanical excavations;
- No excavations by other means without the agreement of the ACoW;
- No change in levels (except removal of grass sward using hand tools);
- No storage of plant or materials;
- No storage or handling of any chemicals including cement washings; and
- No vehicular access.

Where the RPAs for retained trees exceeds the perimeter of the tree protection fencing then temporary ground protection will be installed in areas of soft landscaping. This will be in accordance with BS5837:2012.

Suitable ground protection with the objective of avoiding soil compaction and therefore leaving the tree roots to function unimpaired shall consist of the following:

- For pedestrian access only: single thickness scaffold boards laid butt jointed on a 100mm compression-resistant layer of woodchip, laid on a geo-textile membrane. Or a single thickness of scaffold boards laid on top of a driven scaffold frame to form a suspended walkway.
- For pedestrian-operated machinery up to 2 tonnes gross weight: proprietary, inter-linked ground protection boards placed on top of a compression-resistant layer (e.g. 150 mm depth of woodchip), laid onto a geotextile membrane.
- For wheeled or tracked construction traffic exceeding 2 tonnes gross weight, an alternative system (e.g. proprietary systems or pre-cast reinforced concrete slabs) to an engineering specification designed in conjunction with arboricultural advice, to accommodate the likely loading to which it will be subjected.

On completion of all construction works the above systems shall be removed only with the consent of the LPA. Surface de-compaction and root zone enhancement measures will then be undertaken. This may include spiking, aeration and/or injection of rhizobium inoculants.

### **ADDITIONAL PRECAUTIONS OUTSIDE THE CONSTRUCTION EXCLUSION ZONE**

Care will be taken when planning construction works to ensure that wide or tall loads or plant with booms, jibs and counterweights can operate without coming into contact with retained trees. Such contact can result in serious damage to them and might make their safe retention impossible. Consequently, any transit or traverse of plant in close proximity to retained trees will be conducted under the supervision of a banksman to ensure that adequate clearance from trees is maintained at all times. In some circumstances it may be impossible to maintain adequate clearance thus necessitating access facilitation pruning in consultation with the ACoW. Notice boards, telephone cables or any other services shall not be attached to any part of a tree to be retained.

### **CONSTRUCTION COMPOUNDS, STORAGE OF MATERIALS AND SPOIL**

Temporary site compounds, including mobile WCs and any service connections, will be positioned clear of the CEZs of retained trees.

The delivery, storage, mixing and discharge of concrete and all other cement-based materials shall be carried out so that there is no run-off and spillage near the RPAs of retained trees. No substances that are potentially injurious to plant tissue (including diesel, bitumen, concrete, mortar and other phyto-toxic materials) shall be stored, discharged, prepared or used, where direct contact, infiltration or run-off might reasonably be considered liable to harmfully affect existing root growth or other parts of retained trees. Where chemicals are stored emergency spillage kits will be made available to construction staff to minimise the impacts of any accidental spillages. All cement mixing, vehicle washing or any other activity where toxic chemicals are used shall have the provision to contain any accidental spillage. This can be achieved using suitable soil bunding or using a supporting timber framework sealed with heavy duty plastic sheeting.

No construction materials shall be stored within CEZs of retained trees. Spoil from any construction activity and any materials designated for re-use, shall either be removed from site; or, if kept on site, shall be stored or piled clear of CEZs of retained trees.

### **INSTALLATION OF UNDERGROUND SERVICES**

All underground services should be routed outside the RPAs of all retained trees. Where this is not feasible then it is preferable to keep all apparatus in common ducts to minimise disturbance.

Provided that roots can be retained and suitably protected (i.e. exposed roots are immediately wrapped or covered to prevent desiccation and rapid temperature change and all wrappings removed prior to backfilling) excavation with hand tools may be acceptable for shallow service runs under the supervision of the ACoW.

Where services are to pass within the RPA then plans showing the proposed route should be drawn up with input from the project arboriculturist. Trenchless insertion methods should be used with the entry and exit pits situated outside the RPAs.

### **REMOVAL OF FOUNDATIONS AND HARD SURFACING WITHIN THE CONSTRUCTION EXCLUSION ZONE**

Temporary pedestrian access shall be allowed within the CEZ to carry out the removal of foundations and hard surfacing within the CEZ. A suitable gap in the fencing shall be created just wide enough to allow pedestrian and wheelbarrow access only. On completion of the works the breach shall be closed to prevent further access.

The foundations and any hard surfacing to be removed from within the RPA will be broken up using low impact pneumatic tools only, not breakers attached to excavators, unless absolutely necessary due to the nature of the materials. If this is the only option, then this must first be agreed with the ACoW.

Work to remove the existing hard surfacing will begin at the furthest point from the edge of the CEZ and continue back towards the protective fencing. Removal of the existing hard surfacing will be carried out in 2m strips working from the undisturbed surface. This will allow any exposed roots to be suitably covered to prevent desiccation in a timely manner. The exposed surface can then be made good as the work proceeds to avoid unnecessary travel over the newly uncovered ground. The existing hard surfacing prior to its removal will be used as the working platform. Sections of existing path/foundation shall be broken out separately and debris carefully lifted clear and exported outside the protective fencing using wheelbarrows.

As each section of existing surfacing is removed it shall immediately be replaced with topsoil. The topsoil shall be imported using wheelbarrows and loose tipped. Grading shall be undertaken using hand tools only to avoid compaction.

No reduction of levels of the underlying soil surface shall be carried out.

Topsoil shall conform to BS3882:2007 Specification for Topsoil and Requirements for Use and shall be stored in convenient piles adjacent to the working area just outside the CEZ.

## **SOFT LANDSCAPING WITHIN THE CONSTRUCTION EXCLUSION ZONE**

For all soft landscape works, excavations and ground preparation within these areas is to be carried out using hand tools only in a sensitive manner to ensure root damage is kept to a minimum. At no time shall a rotavator be used within any of the protected areas to prepare the soil.

Removal of existing vegetation and turf will be carried out by hand only. Any herbicide used during the development works shall be appropriate for the type of vegetation to be killed and all instructions, warnings and other relevant information from manufacturers will be strictly observed and followed. Care will be taken to avoid any damaging effects on existing plants and trees to be retained.

Care will be taken to avoid changes in ground levels within the RPAs and no changes in ground levels shall occur within 1m of the trunks of all retained trees.

No works shall be carried out within the RPAs if the soil moisture levels are high enough to allow compaction to occur following assessment by the ACoW. If compaction of the ground has occurred then decompaction measures will be undertaken, these may include forking, spiking, soil augering and tilled radial trenching.

Final grading to marry in new levels with existing ground will be achieved by importing good quality topsoil and spreading it using hand tools only. Areas of proposed grass shall then be raked to a fine tilth and will be grass seeded or turfed as necessary by hand.

All new tree planting will be undertaken in accordance with BS8545:2014 Trees: from nursery to independence in the landscape - Recommendations. Planting pits for shrubs or trees must be hand excavated taking care to avoid damage to existing tree roots. If substantial roots are discovered, then the planting pit will be relocated if possible, in order to retain them. Hedging plants if bare root shall be notch planted and no trench planting shall take place within the RPAs. If fertiliser is to be incorporated into the planting pits it will be a slow-release type such as 'Enmag' or other similar approved and will be applied in accordance with the manufacturer's recommendations.

Roots shall be retained and carefully worked around, wherever practicable. No root greater than 25mm dia. shall be cut without confirmation from the project ACoW. If damage does occur to a root greater than 25mm diameter, then advice must be sought from the project ACoW. Where it is essential to sever roots, they shall be cleanly cut, using an appropriate, sharp bladed hand-tool.

If in the course of operations, roots, that are to be retained, are unearthed, they shall not be left unduly exposed, but shall be covered with hessian, or similar, to protect from desiccation. Prior to backfilling, any hessian wrapping will be

removed and retained roots will be surrounded with sharp sand, or other loose granular fill before soil or other material is replaced.

Where materials or plants are to be brought into or removed from the RPAs they will be transported in wheelbarrows and must be moved across existing hard surfacing or temporary ground protection in accordance with BS5837:2012 in a way that prevents compaction of the soil.

Mulch will be applied to open soils and shrub planting areas to inhibit weed growth, reduce groundwater evaporation, resist and mitigate soil compaction and reduce maintenance requirements. Material that may be used shall include well composted wood chip, pulverised bark, leaf mould or green waste conforming to PAS 100. The depth of mulch will not exceed 100mm, taking particular care not to lay excessive mulch around new plants and will be avoided in areas of established tree growth.

## **MONITORING**

Once the protective fencing and ground protection measures have been installed but prior to operation of the Proposed Development, a site inspection will be undertaken by the ACoW. This is to confirm that all protection measures have been installed in accordance with the Tree Protection Plans and method statement.

Regular monitoring visits will be carried out as necessary during the development.

On completion of the construction works a walkover survey of the trees will be undertaken to identify any remedial action necessary as a result of the construction stage. Should any further consents or permissions be required for remedial tree works, these will be obtained by the ACoW as necessary.