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Executive Summary

National Grid Electricity Transmission plc (here on referred to as National Grid) is making an application for development consent to reinforce the transmission network between Bramford Substation in Suffolk, and Twinstead Tee in Essex. The Bramford to Twinstead Reinforcement ('the project') would be achieved by the construction and operation of a new electricity transmission line over a distance of approximately 29km (18 miles), the majority of which would follow the general alignment of the existing overhead line network.

This Arboricultural Impact Assessment (AIA) identifies trees which may be affected by the project, and to provide information on their locations, quantity, and quality. The information on tree constraints informed the design development process and subsequent landscape and ecological management planning.

A field survey of trees and tree groups was carried out in 2021 - 2022, following the methodology recommended in British Standard (BS) 5837:2012. This approach classifies trees according to a quality category, within the context of development. The categories are of high, moderate and low quality arboricultural features plus a very low quality category that is unsuitable for retention. The records for high and moderate quality trees and tree groups includes species, tree height, stem diameter, and canopy spread. A more limited range of attributes were recorded for low and very low quality features.

More than 660 trees and 840 tree groups were identified and mapped during the site surveys. Approximately two thirds of this total were low quality. The loss of low quality trees are not considered to be a constraint to development. A total of 112 trees and groups were high quality and a further 379 were moderate quality. Of high quality trees, 12 are recorded as veteran trees although there are trees within groups noted as possessing some veteran characteristics.

The AIA identifies which trees require removal, coppicing or reduction in crown height if the Proposed Alignment were to be taken forward, as shown on the Trees and Hedgerows to be Removed or Managed Plans (**application document 2.9**). Tree removals are likely to be required, particularly where the cable is underground. This would require removal of three high quality trees, including one potential veteran tree. Similarly, seven moderate quality trees would be removed. The area of tree groups to be removed would total 0.86ha. Areas of coppicing, to reduce tree height, totals 3.5ha. Coppicing represents a change to tree management rather than loss of features and preserves woodland soils and vegetation cover.

1. Introduction

1.1 Overview

- 1.1.1 National Grid Electricity Transmission plc (here on referred to as National Grid) is making an application for development consent to reinforce the transmission network between Bramford Substation in Suffolk, and Twinstead Tee in Essex. The Bramford to Twinstead Reinforcement ('the project') would be achieved by the construction and operation of a new electricity transmission line over a distance of approximately 29km (18 miles), the majority of which would follow the general alignment of the existing overhead line network.
- 1.1.2 This Arboricultural Impact Assessment (AIA) has been produced to support the application for development consent under the Planning Act 2008. The AIA assesses the trees that could be affected by the project as shown on the Trees and Hedgerows to be Removed or Managed Plans (**application document 2.9**). These assumptions are based on the Proposed Alignment shown on the General Arrangement Plans (**application document 2.10**). However, as this is a Nationally Significant Infrastructure Project, National Grid is seeking consent for horizontal and vertical Limits of Deviation within which the final alignment would lie. It is noted that application of the Limits of Deviation may result in changes to the trees affected or the impacts that may occur as a result.

1.2 Scope of the Arboricultural Impact Assessment

- 1.2.1 The purpose of this AIA is to identify the trees which may be affected by the project, and to provide information on their locations, quantity, and quality. The information on tree constraints has informed the design development process.
- 1.2.2 This AIA comprises a desk study search for baseline information on arboricultural statutory designations, and results of a walkover survey compliant with British Standard (BS) 5837:2012 Trees in relation to design, demolition and construction – Recommendations.

1.3 Structure of this Arboricultural Impact Assessment

- 1.3.1 The AIA is structured as follows:
- Chapter 2 Methodology: the methodology used during the desk study, site survey and the impact assessment;
 - Chapter 3 Results: the results of the desk study and site survey;
 - Chapter 4 Arboricultural Impact Assessment (AIA): a summary of the assessment on trees within/adjacent to the Order Limits;
 - Chapter 5 Conclusion: a summary of the results of the assessment;
 - References: a list of references used in the report;
 - Appendix A Arboricultural Survey Data: the survey results of high and moderate quality individual tree data (Table A1) and tree groups (Table A2); and
 - Figure 1 Results of Arboriculture Survey: plan showing the location of all surveyed trees.

2. Methodology

2.1 Desk Study

- 2.1.1 A desk-study was undertaken as a means of identifying any statutory and non-statutory constraints which apply to arboricultural features within the study area. The desk study included a review of tree preservation orders (TPO) and conservation areas data provided by Braintree District Council and Babergh and Mid Suffolk District Council in July 2022.
- 2.1.2 The presence of areas of designated Ancient Woodland within the study area was checked using the Multi Agency Geographical Information for the Countryside (MAGIC) map (Department for Environment, Food and Rural Affairs (Defra), 2022). The Ancient Tree Inventory (ATI) is hosted by Woodland Trust and was checked for the presence of known veteran trees. The desk study review of ATI and MAGIC was undertaken in February 2023.
- 2.1.3 Potential ancient woodlands were identified on the project using the methodology described in Environmental Statement (ES) Appendix 7.4: Ancient Woodland and Potential Ancient Woodland Report (**application document 6.3.7.4**). These are areas identified with the potential to be ancient woodland based on site characteristics and indicator species that have been identified through desk and field surveys undertaken for the project. Potential ancient woodland is treated the same as designated Ancient Woodland in this report.

2.2 Site Survey

- 2.2.1 An arboricultural survey was undertaken to record trees potentially affected by the project based on the approach recommended in BS 5837:2012. The surveys were undertaken by qualified arboricultural surveyors between October 2021 and December 2021, with further surveys in April 2022 and October 2022. The study area comprises the Order Limits and a buffer of up to 15m beyond these. The purpose of the buffer is to capture arboricultural features which lie outside the Order Limits but whose root protection areas (RPA) potentially extend into the Order Limits and could be affected. This is consistent with the approach recommended in BS 5837:2012. The British Standard caps RPA to a maximum radius of 15m, hence the extent of the buffer.
- 2.2.2 The arboricultural walkover survey was undertaken in accordance with the following criteria:
- Arboricultural features have been recorded as tree groups or wooded areas 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. Wooded areas are similarly recorded as groups, focusing on only those parts of the wood within the Order Limits and 15m buffer zone. These groups of trees included features which may otherwise be referred to as copses, spinneys or shelterbelts;
 - The tree survey was visual, carried out from ground level only;
 - No tissue samples were taken nor was any internal investigation of the subject trees undertaken; and
 - Tree heights and crown spreads have been estimated to the nearest 1m.
- 2.2.3 Stem diameters have been measured in accordance with Annex C of BS 5837:2012 and for multi-stemmed trees have been calculated in accordance with BS 5837:2012 paragraph 4.6.1.
- 2.2.4 RPA are calculated as an area equivalent to a circle with a radius 12 times the stem diameter.
- 2.2.5 The quality of arboricultural features has been determined in accordance with BS 5837:2012. The purpose of the quality assessment is to enable informed decisions to be made regarding the removal and retention of arboricultural features.
- 2.2.6 An arboricultural survey has been undertaken of all qualifying tree and group features but with limited data collection of low and very low-quality features.
- 2.2.7 Veteran trees are all considered high quality. Trees of high quality in BS 5837:2012 should have a remaining contribution of at least 40 years, however this is not necessary where trees have identifiable conservation, heritage or landscape value.

2.3 Impact Assessment Methodology

- 2.3.1 Impacts to trees, tree groups and woodlands may be either tree removal or tree size reduction. The latter is by the action of coppicing or pollarding or crown reduction. Both coppicing and pollarding are ancient methods of tree management which was a productive source of timber products that enhances early growth rates by harnessing the capacity of an established rootstock to supply water and nutrients. The cyclical provision of light to the woodland floor creates an ecological community that offers advantages to some woodland flora and fauna.
- 2.3.2 Assumptions regarding impacts are based on tree position in relation to the Proposed Alignment shown on the General Arrangement Plans (**application document 2.10**) and the assumed tree management measures (removal, coppicing or pruning) as shown on the Trees and Hedgerows to be Removed or Managed Plans (**application document 2.9**). It is noted that the AIA would change

based on the application of flexibility provided within the Limits of Deviation. The AIA also assumes that trees on the periphery of the Order Limits would be retained and protected during construction. The AIA assumes the removal of trees where the RPA is affected by foundations.

2.4 Limitations

- 2.4.1 Trees are dynamic organisms which are influenced by a variety of environmental factors and whose condition can rapidly change. Because of this any recommendations made within this AIA are valid for a period of 24 months from the date of survey.
- 2.4.2 AIA is not a health and safety survey. Where concerns for tree health and safety exist, the necessary and appropriate tree inspections should be carried out.

3. Results

3.1 Results of Desk Study

Tree Preservation Orders

3.1.1 TPO within the Order Limits and the 15m buffer are shown on the Trees and Hedgerows to be Removed or Managed Plans (**application document 2.9**). TPO that fall under Article 49 of the draft DCO are also listed in Schedule 13 of the draft DCO (**application document 3.1**).

Ancient and Veteran Trees

3.1.2 There are no ancient trees within the Order Limits and the 15m buffer listed on the ATI. The ATI identifies a pair of veteran trees within the Order Limits, within an avenue of trees to Hintlesham Hall. A veteran tree is identified at Old Hall House off the A1071 where access is proposed along existing hard surfacing. Veteran trees identified within Hintlesham Wood lie outside of the 15m buffer from the Order Limits. Three further veteran trees are identified at the extent of the 15m buffer to the Order Limits. ATI is a citizen science database that is incomplete and not all entries are verified by a qualified arboriculturalist, hence the detail of the records, including location, are not always accurate.

Ancient Woodland and Potential Ancient Woodland

3.1.3 Hintlesham Wood is an area of Ancient Woodland (ID 1117096), the northwest boundary of which is within the Order Limits. Other Ancient Woodland lie adjacent to the Order Limits at Ramsey Wood (ID 1411366), Wolves Wood/Keeble's Grove (ID 1117088), Toms/Broadoak Wood (ID 1117090), Millfield Wood (in two separate areas north (ID 1116957 and south ID 1411358), Bushy Park Wood (ID1411357), Broom Hill Wood (1116953), Leadenhall Wood (ID 1411352), Butler's Wood (ID 1116843) and Waldegrave Wood (ID 1420162).

3.1.4 The Order Limits cross three areas that have been identified by the project as being potential ancient woodland:

- PoAWS5 which is a linear group of trees north of Ramsey Wood;
- PoAWS4 which is continuous with designated Ancient Woodland of Ramsey Wood; and
- PoAWS10 at Ansell's Grove.

3.1.5 Further details on designated Ancient Woodland and potential ancient woodland (including the assessment method for identifying the latter) can be found in ES Appendix 7.4: Ancient Woodland and Potential Ancient Woodland Report (**application document 6.3.7.4**).

3.2 Results of the Site Survey

3.2.1 A summary of tree quality categories is in Table 3.1. The majority of arboricultural features are low quality but almost a third are high and moderate quality. The data for high and moderate category trees are presented in Appendix A: Arboricultural Survey Data. The location of all surveyed trees is presented in Figure 1: Results of Arboriculture Survey.

Table 3.1 – Summary of Arboricultural Features

BS5837 Category	Quality	Trees	Groups	Total
A	High	75	37	112
B	Moderate	210	169	379379
C	Low	354	607	961961
U	Very low	23	27	50
		662662	840840	15021341502

3.2.2 The majority of high quality (A category) individual trees were pedunculate oak including 11 veteran oak trees and one veteran ash. Veteran trees all had stem diameters greater than 1300mm with the largest specimen reaching 1770mm.

- 3.2.3 The high-quality tree groups and woodlands included oak as a major species component. Other species in the high-quality groups were principally native or naturalised species, particularly ash, elm, wild cherry, silver birch, field maple, hazel, holly, hawthorn and elder. Minor components of woodlands included Scots pine, poplar, sweet chestnut and goat willow.
- 3.2.4 Oak also accounted for 79% of moderate quality (B category trees). The other species were of ash, poplar, sycamore, field maple, wild cherry, elm, white willow and ornamental specimens of eucalyptus and deodar cedar. Oak also dominated the moderate quality tree groups and woodland, particularly larger groups and woodlands. The secondary species included those native species present in the high-quality groups: ash, elm, wild cherry, silver birch, field maple, hazel, holly, hawthorn and elder. Alder was present in wetter ground, occasionally being the dominant species. Some groups were sycamore dominated. Smaller tree groups, of thirty stems and fewer, included areas of mixed conifer, of poplar, and of horse chestnut.
- 3.2.5 Amongst low quality (C category trees), oak remained the principal species with 34% of trees. Ash contributed 26% of stems, with ash dieback a factor in the proportion of ash trees being identified as low quality. Low quality tree groups were mapped but with limited tree data recorded.
- 3.2.6 The pair of veteran oak trees identified from the desk study of the ATI were recorded as mature and over-mature oaks (T20 and T21) (within an excellent avenue of trees) during the survey but not identified as veteran. A total of twelve trees were identified as veterans in the site survey. In addition, two tree groups contained trees possessing similar veteran character. All the veteran trees were of large stem size and exhibited some stem hollowing and deadwood.

4. Arboricultural Impact Assessment

4.1 Categorising Arboricultural Features and Determining Impacts

4.1.1 Trees, and tree groups are categorised for quality, following the methodology of BS 5837:2012.

4.1.2 Identification of Ancient Woodland, potential ancient woodland and veteran trees provides an important differentiator, particularly in relation to their irreplaceable habitat. The BS 5837:2012 record of trees, collectively or individually, in Ancient Woodland may fall into any of quality categories. Government guidance in relation to development in the vicinity of Ancient Woodlands and veteran trees advises the need for a buffer zone of at least 15m to avoid root damage and that where assessment shows other impacts are likely to extend beyond this distance, then a larger buffer zone is needed.

4.1.3 The impacts on each tree and tree group are:

- 1: retain;
- 2: remove by felling; or
- 3: reduction of the tree by coppicing, crown management (pollarding or pruning).

4.2 Summary of Impacts

4.2.1 A summary of arboricultural impacts is presented in Table 4.1 with impacts on each tree and tree group are contained within data in Appendix A: Arboricultural Survey Data. Thirteen low quality groups are subject to both part removal and part height reduction and hence total actions contained in Table 4.1 exceed the number of surveyed features in Table 3.1.

Table 4.1 – Summary of Impacts to Arboricultural Features

BS 5837 Category	Quality Descriptor	Features Retained	Tree Removal	Tree Height Reduction	Tree Group Removal/ Part Removal	Tree Group/Part Group Height Reduction
A	High	104	3	4	0	1
B	Moderate	341	7	13	7	11
C	Low	886	8	30	10	40
U	Very low	48	0	0	0	2

TPO Impacts

4.2.2 Group and area TPO adjacent to existing roads identified for access would not be affected. TPO at Long Lane, Bures (TPO ref WS337/A1) is an area protection confirmed in 1974. It was surveyed as a low quality group (G1473) and 0.05ha requires coppicing under the Proposed Alignment. Dollops Wood (G1287) is subject to a group TPO. Embedded measure EM-E02 limits construction activities to the existing operational maintenance swathe and to lower the conductors down before pulling out, to reduce loss of trees in the woodland. Further details on embedded measures can be found in the Register of Environmental Actions and Commitments, which forms Appendix B of the Construction Environmental Management Plan (**application document 7.5.2**).

Veteran Tree Impacts

4.2.3 Tree T378 is a veteran oak tree with an historic failure of a branch union at 3m above ground level with internal hollowing to create cavities. The tree crown contains deadwood to 100 mm diameter and ivy is present in the upper crown. Trees with veteran characteristics were typically in poor or fair structural and physiological condition and these trees would not respond to coppicing. Historic pollards can be reduced. The trees are typically at the edge of the Order Limits allowing their retention.

Ancient Woodland Impacts

4.2.4 The area of Hintlesham Ancient Woodland (ID 1117096) under the existing overhead line (G1284) is a dense thicket of small trees and contains no large specimens. A swathe of 0.05ha would be managed by coppicing and does not represent an adverse impact from an arboricultural perspective. Tree pruning of the adjacent woodland at Hintlesham Woods (ID 1117096) and Ramsey Wood (ID 1411366) to allow for conductor swing during operation would create a structured transition from the coppice to high woodland. Crown reduction is a recognised method of tree management and is not an adverse arboricultural impact.

4.2.5 Crown management on the edge of Waldegrave Wood (ID 1420152) (G1475) to allow for conductor swing during operation would help create a desirable graduated height structure at the woodland edge and is not an adverse arboricultural impact.

Other Arboricultural Impacts

4.2.6 The proposed 18 tree removals (including T378) represent a very small proportion of the identified arboricultural resource. An additional ten trees have been identified for removal that were too small to be recorded during the BS 5837:2012 survey and do not contribute to the 1502 survey records.

4.2.7 Removals from tree groups total 0.86ha and impact moderate and low quality features. Removals from groups of trees are partial, with the exception of G1283 where all four trees would be felled for installation of the underground cable. G1283 is a moderate quality group and represents the single largest area of tree removal, at 860m², thereby accounting for 10% of removal calculated by group area. The oak trees within G1283, up to 630mm diameter, are typically larger than trees within other areas of group removals and while the number of trees to be removed cannot be extrapolated from the four trees in this group the order of losses is in the tens not hundreds.

4.2.8 Thirty-two trees would require canopy management by pollarding or pruning, including thirteen A and B category trees. Fifteen trees would be coppiced, of which one is a large, mature high quality oak, for which the rejuvenating process of coppicing may be unsuccessful.

4.2.9 Height reductions to parts of 54 tree groups totals approximately 3.5ha, including 1ha of high and moderate quality. The single high quality group amounts to 0.05ha. Coppicing represents a change to tree management planning but preserves the arboricultural feature. Coppicing may reduce immediate arboricultural quality but it is a tree management approach that is recognised as providing ecological benefit.

4.2.10 Removal of lengths of hedgerows has not been considered as an arboricultural impact but is considered within ES Chapter 7: Biodiversity (**application document 6.2.7**).

5. Conclusion

5.1 Arboricultural Impacts

- 5.1.1 A small proportion of individual trees and tree groups in the survey area are to be adversely impacted by the Proposed Alignment, as shown on the Trees and Hedgerows to be Removed or Managed Plans (**application document 2.9**). Arboricultural features to be removed are ten high and moderate quality trees and a further eight low quality trees. Partial group removals extend to 17 moderate and low quality tree groups, totalling less than 1ha.
- 5.1.2 Twelve veteran trees were identified during the site survey and these are typically at the periphery of the Order Limits. One veteran oak, T378, would be removed for the Proposed Alignment. Veteran trees to be retained would be protected by fencing installed during construction. Further details can be found in the Landscape and Ecological Management Plan (**application document 7.8**).
- 5.1.3 The reduction in height to parts of tree groups by coppicing totals approximately 3.5ha. This management approach extends to 54 tree groups and retains the arboricultural features under a revised tree management strategy. Whilst this may reduce the immediate arboricultural quality of some trees, coppicing has recognised ecological value, creating diversity in structure and habitat.
- 5.1.4 One area TPO requires 0.05ha of coppicing. The unnamed woodland (G1473) is low quality and coppicing a portion of the woodland may present a positive intervention. In contrast, the potential requirement for coppicing at the high quality TPO at Dollops Wood (G1287) would be avoided by lowering the conductors and pulling these out to avoid tree loss in the woodland.
- 5.1.5 Areas of designated Ancient Woodland would require limited tree management by coppicing and crown reduction, which are recognised arboricultural practices and not adverse impacts.

References

British Standards Institution (2012) BS 5837:2012. Trees in relation to design, demolition and construction – recommendations. London: British Standards Institution, 2012.

Department for Environment, Food and Rural Affairs (2022) Multi-Agency Geographical Information System (MAGIC). (Online) Available from: <http://magic.defra.gov.uk> (Accessed February 2023).

Woodland Trust (2022) Ancient Tree Inventory. (Online) (Accessed February 2023).

Appendix A: Arboricultural Survey Data

1.1.1 The arboricultural survey data is presented in the following tables with individual tree data presented in Table A1 and tree groups (including woodland) in Table A2. The reference codes are non-continuous because C and U category features are not presented.

Tree Data

Table A1 – Tree Data

Ref	Species	Height (m)	Stem Diameter (mm)	Crown Spread (m)	Low Crown Height (m)	Lowest Branch Height (m)	Life Stage	Physiological Condition	Structural Condition	Tree Condition Notes and Observations	RPA Radius (m)	Minimum Estimated Remaining Life	BS 5837 Category	Action
T2	Oak	10	650	5	3	3	Early Mature	Fair	Good	Assessed remotely. Early chlorosis/senescence. Open balanced crown.	7.8	40	B	Retain
T7	Oak	16	1080	8	1	3	Mature	Good	Good	Basal cavity west between basal flaring exhibiting localised decay and hollowing. Previous crown lift management to 4m.	13.0	20	B	Retain
T10	White willow	17	670	5	<0.5	3	Mature	Good	Good	Previous crown lift and reduction management.	8.0	20	B	Retain
T13	Beech	16	1060	9	3	2	Mature	Good	Fair	Large open balanced crown. Historically lapsed pollard at 2m.	12.7	40	B	Retain
T14	Horse chestnut	15	980	8	3	2	Mature	Good	Good	Large open balanced crown. Stem and primary branch framework covered in dense ivy.	11.8	20	B	Retain
T17	Oak	16	1320	15	3	4	Mature	Fair	Fair	Retrenching crown. Large historic partially occluded stem wounds. Dark exudations below lowest branch on SE side consistent with AOD. Large deadwood and large dead stubs within crown.	15.0	40	A	Retain
T18	Oak	22	2040	16	3	5	Mature	Good	Good	Beginning to retrench. Localised stag-headed crown. Previously reduced. Large historic flush cut at 1 to 2m on W side of stem - some decay. Multiple partially occluded pruning wounds throughout. Multiple large limb failures.	15.0	40	A	Retain
T19	Oak	14	860	12	1	2	Early Mature	Good	Good	Good form and vitality. Open balanced crown. Multiple partially occluded stem and branch wounds. Minor deadwood throughout.	10.3	40	B	Retain
T20	Oak	17	1600	9	4	6	Over Mature	Good	Fair	Open balanced crown. Retrenching stag-headed crown. Large historic flush cut to stem at 3m on S side with decay. Old <i>Inonotus</i> bracket at base on south side. Multiple stem wounds; two have <i>L. sulphureus</i> colonising. Large deadwood in crown.	15.0	40	A	Retain
T21	Oak	16	1800	10	4	7	Mature	Good	Fair	Excellent specimen. Part of exceptional avenue of oaks. Two very large historic snap outs. Decay and cavities between buttressing consistent with eiffel tower bracket decay.	15.0	40	A	Retain
T22	Horse chestnut	16	1750	11	2	1	Mature	Good	Good	Open balanced spreading crown. Hazard beams in lower crown. multiple occluded and partially occluded pruning wounds from previous crown lifts.	15.0	40	A	Retain

Ref	Species	Height (m)	Stem Diameter (mm)	Crown Spread (m)	Low Crown Height (m)	Lowest Branch Height (m)	Life Stage	Physiological Condition	Structural Condition	Tree Condition Notes and Observations	RPA Radius (m)	Minimum Estimated Remaining Life	BS 5837 Category	Action
T23	Silver birch	13	540	6	1	2	Early Mature	Good	Good	Good form. Minor reduction in crown density. Minor reduction in leaf size.	6.5	20	B	Retain
T24	Copper beech	14	750	9	1	1.5	Early Mature	Good	Good	Hazard beams in lower crown. Codominant bifurcation at 2.5m with wide 'u' shaped union. Recent crown lift wounds over road.	9.0	20	B	Retain
T25	Oak	16	1550	16	3	3	Mature	Good	Good	Multiple historical snapped out first order branches. Large overextending limbs in lower crown. Deadwood throughout.	15.0	40	A	Retain
T26	Oak	16	1300	11	1	3	Mature	Good	Good	Open balanced crown. Multiple historic branch tear outs throughout crown. 1st branch end wounds with cavities - potential habitat.	15.0	40	A	Retain
T38	Oak	6	330	4.5	4	2.5	Semi Mature	Good	Good	Single straight stem. Minor crown asymmetry.	4.0	40	B	Retain
T39	Sweet chestnut	16	1240	10	4	4	Mature	Good	Good	Very large tree in prominent position. Open balanced spreading crown. x1 large historic limb tear out at 4.5m	14.9	40	A	Retain
T42	Oak	15	800	7	4	3	Mature	Good	Good	4 leaders from 4m, indicative of historic pollard. Deadwood over field south pruned back to boundary. Moderate instances of deadwood to a diameter of approximately 170mm.	9.6	20	B	Prune
T44	Oak	15	830	8	2	4	Mature	Good	Good	Moderate ivy cover to a height of 5m. Crown lift pruning to a height of 5m and reduction management of mid canopy lateral spread.	10.0	20	B	Prune
T45	Oak	17	1090	11	4	3	Mature	Fair	Good	Slight basal arching due to growing location on embankment. Moderate ivy cover to upper crown. Multiple leaders from 4m. Moderate instances of deadwood to a diameter of approximately 110mm. Signs of early dieback and reduction in vitality of upper crown.	13.1	20	B	Retain
T46	Oak	20	970	10	5	6	Mature	Fair	Good	Crown lift and reduction pruning. Signs of a reduction in vitality and early progressive decline.	11.6	20	B	Prune
T47	Oak	17	790	8	5	5	Mature	Good	Good	Light ivy cover. Multiple leaders from 5m; indicative of historic pollard. Moderate instances of deadwood to a diameter of 150mm.	9.5	20	B	Prune
T48	Oak	15	960	9	4	4	Mature	Good	Good	Fungal fruiting bodies of <i>Pseudoinonotus dryadeus</i> present at east side of stem base. Moderate ivy cover. Multiple leaders from 5m; indicative of historic pollard.	11.5	20	B	Prune
T52	Oak	16	490	6	4	6	Semi Mature	Good	Good	Basal arching due to location on drainage embankment. Suppressed south and west.	5.9	20	B	Retain
T53	Field maple	13	370	4	4	4	Semi Mature	Good	Good	Longitudinal bark depression south. Crown lifted to a height of 4m.	4.4	20	B	Retain
T54	Oak	11	480	6	3	2	Semi Mature	Good	Good	Stem bifurcates at 2.2m. Slight suppression north.	5.8	20	B	Retain
T62	Oak	14	520	7	4	4	Semi Mature	Good	Good	Growing from south side of field drainage embankment. Primary branch failure at 4m subsequent of lateral delamination.	6.2	20	B	Retain

Ref	Species	Height (m)	Stem Diameter (mm)	Crown Spread (m)	Low Crown Height (m)	Lowest Branch Height (m)	Life Stage	Physiological Condition	Structural Condition	Tree Condition Notes and Observations	RPA Radius (m)	Minimum Estimated Remaining Life	BS 5837 Category	Action
T63	Oak	12	820	7	5	3	Mature	Good	Fair	Deadwood throughout crown, inclusive of overhanging road.	9.8	20	B	Retain
T64	Oak	12	870	7	0	2	Mature	Good	Good	Open spreading crown. Slightly imbalanced to north. Multiple large limb removals previously - south side of crown.	10.4	40	B	Retain
T67	Oak	14	940	8	2	3	Mature	Good	Good	Moderate instances of significant deadwood to a diameter of approximately 160mm. Suppressed north by neighbouring tree, consequently biased south.	11.3	20	B	Retain
T73	Oak	12	610	7	3	3	Semi Mature	Good	Good	Growing atop drainage ditch embankment; slight basal arching. Moderate instances of deadwood to a diameter of approximately 130mm.	7.3	20	B	Retain
T77	Sycamore	11	520	6	3	3	Early Mature	Good	Good	Assessed from highway. Open balanced crown. Dense basal epicormic growth. No defects observed.	6.2	40	B	Retain
T78	Sycamore	8	460	7	1	2	Semi Mature	Good	Good	Open well-balanced crown. Hazard beams in lower crown.	5.5	40	B	Retain
T80	Oak	13	690	7	3	2.5	Mature	Good	Good	Minor deadwood throughout crown. Multi-stemmed from 2.5m.	8.3	40	B	Retain
T82	Oak	17	950	10	4	2.5	Mature	Good	Good	Open spreading well balanced crown. Some localised dieback in peripheral crown. Some epicormic growth in centre of crown.	11.4	40	A	Retain
T84	Oak	7	320	5	3	2	Semi Mature	Good	Good	Good form.	3.8	40	B	Retain
T89	Oak	7	520	6	3	3	Semi Mature	Good	Good	Roadside tree flailed back from road to 3m. Multi-stemmed at base.	6.2	40	B	Retain
T90	Oak	13	630	7	3	2	Mature	Good	Good	Large deadwood within crown. Multiple large branch snap outs.	7.6	40	B	Retain
T91	Oak	14	1020	8	1	2	Mature	Good	Good	Growing atop drainage embankment. Exposed primary root basal flare east. Low branching. Historic pollard to a height of 4m.	12.2	20	B	Retain
T92	Oak	12	960	6	2	3	Mature	Good	Good	Crown lifted to a height of 4m south. Lower stem swelling subsequent of lower stem branch removals. Stem bifurcates at 2.2m.	11.5	20	B	Coppice
T104	Eucalyptus	15	650	5	1	3	Mature	Good	Good	Located within private garden; assessed from neighbouring land. Multiple leaders from approximately 1.7m.	7.8	20	B	Retain
T105	Oak	12	1090	7.5	1	2	Mature	Good	Fair	Historic pollard at a height of 2m. Crown lift pruning to a height of 5m over agricultural fields.	13.1	20	B	Retain
T114	Field maple	14	720	10	2	4	Mature	Good	Good	Excellent specimen. Open balanced spreading crown. Codominant bifurcation at 2m. Minor deadwood within crown. No defects noted.	8.6	40	A	Retain
T122	Ash	22	1100	8	2	3	Mature	Good	Good	Good specimen. Very dense ivy covering stem and primary branch framework. No defects observed.	13.2	40	B	Retain

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T123	Oak	20	1050	11	2	5	Mature	Good	Good	Excellent specimen. Large open balanced crown. Multi-stemmed at 6m. x1 large historic included union failure on 1st order limb. Moderate deadwood throughout. Partially occluded pruning wounds from previous crown lifts.	12.6	40	A	Retain
T124	Oak	7	490	6	2	2	Early Mature	Good	Good	Good form and vitality. Open balanced crown. Minor deadwood throughout crown.	5.9	40	B	Retain
T127	Oak	19	890	8	2	3	Mature	Good	Good	Minor basal bark damage to basal flaring south. Plastic bracket nailed to stem at a height of 1.5m. Slight stem lean south-east. Moderate instances of deadwood to a diameter of approximately 100mm.	10.7	20	B	Retain
T130	Oak	14	120	8	3	2	Mature	Good	Good	Excellent specimen. Large open spreading crown. Moderate deadwood within crown.	1.4	40	A	Retain
T131	Oak	12	760	5	2	1	Mature	Fair	Good	Stem adjacent to public footpath. Lower canopy flail management to crown lift over footpath and agricultural field. Signs of dieback and early stag horning of upper canopy.	9.1	20	B	Prune
T133	Oak	13	620	10	2	3	Early Mature	Good	Good	Excellent specimen on north side of footpath. Open balanced spreading crown. Large deadwood in lower crown. Minor partially occluded stem wound at 1.5m. High aesthetic value.	7.4	40	A	Retain
T136	Copper beech	8	570	5	1.75	2	Semi Mature	Good	Fair	Large partially occluded pruning wounds from previous crown lifts. Previously topped at 7m. Small stubs with some decay at pruning cuts - not significant.	6.8	20	B	Retain
T137	Norway spruce	12	330	4	1.5	2.5	Early Mature	Good	Good	Open balanced crown. Single straight stem. Moderate deadwood in lower crown.	4.0	20	B	Retain
T138	Ash	14	1000	10	5	4	Mature	Good	Good	Dense ivy covering stem and primary branch framework. Pruning wounds from previous crown lifts. Moderate deadwood within crown. No significant defects visible.	12.0	40	A	Retain
T139	Alder	12	797	7	0	1	Early Mature	Good	Good	Trifurcated at base with acute primary unions. Located on riverbank. Limited access. Open balanced crown.	9.6	20	B	Retain
T140	Oak	18	950	11	3	4	Mature	Good	Good	Growing from land embankment; subsequent lower stem arching. Moderate instances of deadwood to a diameter of approximately 160mm.	11.4	40	A	Fell
T141	Oak	14	1000	10	4	4	Mature	Good	Good	Growing from land embankment; subsequent slight lower stem arching. Moderate ivy cover to upper crown. Stem bifurcates at 4m. Moderate instances of deadwood to a diameter of approximately 120mm. Slight suppression north by neighbouring tree.	12.0	20	B	Fell

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T142	Oak	15	780	7	2	4	Mature	Good	Good	Barbed wire enveloped into lower stem east side at a height of 300mm. Moderately dense ivy cover to upper crown. Stem bifurcates at 4m. Several instances of historic branch fractures.	9.4	20	B	Retain
T143	Oak	17	1000	12	3	4	Mature	Good	Good	Inspected from neighbouring land. Moderate instances of secondary branch fractures and failures. Flush cut pruning at a height of 5m.	12.0	20	B	Retain
T145	Oak	18	1140	12	5	3	Mature	Good	Good	Barbed wire enveloped into west stem base. Moderate instances of deadwood to a diameter of approximately 120mm. Previous crown lift management to a height of 5m. Several instances of fractured secondary branches from historic failures. Bird box installed	13.7	20	B	Retain
T148	Oak	18	690	9	3	4	Mature	Good	Good	Stem bows south a height of 5m and corrects after 2m. Canopy biased southeast.	8.3	20	B	Prune
T150	Oak	11	510	6	1.5	1	Semi Mature	Good	Good	Low canopy height.	6.1	40	A	Retain
T151	Oak	16	910	9	<0.5	2	Mature	Good	Good	Low canopy height. Bifurcates at 2m into acute included union from 0.5m north stem side. Several upper crown branch fractures.	10.9	20	B	Retain
T153	Oak	16	740	6	2	3	Mature	Good	Good	Growing adjacent to site boundary and drainage embankment. Previous quarry traffic and excavations 7m from stem base.	8.9	20	B	Retain
T154	Sycamore	12	400	6	4	3	Semi Mature	Good	Good	Crown lifted to 4m.	4.8	20	B	Retain
T155	Balsam poplar	22	740	9	5	5	Mature	Good	Good	Canopy biased south. Light ivy cover.	8.9	20	B	Retain
T157	Balsam poplar	20	510	5	5	4	Semi Mature	Good	Good	Crown lifted to 4m. Growing adjacent to single track road embankment.	6.1	20	B	Retain
T158	Oak	14	760	7	5	5	Mature	Good	Good	Crown lifted to 5m. Moderate deadwood to a diameter of approx. 130mm.	9.1	40	A	Retain
T162	Balsam poplar	19	560	6	6	5	Semi Mature	Good	Good	Moderate instances of deadwood to a diameter of approx. 100mm. High sided vehicle damage at 5m south.	6.7	20	B	Retain
T163	Oak	16	1100	6	6	4	Mature	Good	Fair	Basal cavity south to 120mm diameter exhibiting internal progressive decay. Mallet sounding indicates internal hollowing within lower stem to 0.5m. Longitudinal basal bark depression south to 0.5m. Flail canopy management to a height of 5m.	13.2	20	B	Fell
T164	Oak	11	490	6	5	5	Semi Mature	Good	Good	Growing from drainage embankment; subsequent lower stem arching which corrects shortly after. Crown lift management to a height of 5m.	5.9	20	B	Retain
T169	Oak	17	1110	9	5	5	Mature	Good	Good	Moderate ivy cover. Bifurcates at a height of 5m. Moderate instances of deadwood to a diameter approximately 140mm.	13.3	40	A	Retain
T170	Oak	15	940	8	6	4	Mature	Good	Good	Moderate ivy cover. Minor contact with overhead telephone wires. Minor deadwood. Historic tertiary branch fractures and shedding.	11.3	40	A	Retain

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T173	Oak	14	1060	8	4	3	Mature	Good	Good	Moderately dense ivy cover to upper crown. Minor deadwood.	12.7	40	A	Prune
T174	Oak	15	1120	8	5	5	Mature	Fair	Good	Growing adjacent to field access and single-track vehicle road. Moderate ivy cover to upper crown. Signs of a reduction in vitality and moderate progressive decline. Historic branch fracture at approx. 10m over road. Moderate instances of deadwood.	13.4	20	B	Coppice
T176	Oak	9	420	5	3	3	Semi Mature	Good	Good	Crown lift pruning completed to a moderately poor standard. Pruning peg at 2.5m west.	5.0	20	B	Prune
T177	Ash	8	240	4	3	2	Semi Mature	Fair	Good	Good form. Reduced crown density. Minor crown asymmetry due to proximity of adjacent tree.	2.9	20	B	Retain
T178	Oak	7	220	4	3	2.5	Semi mature	Good	Good	Good form. Minor asymmetry due to proximity of adjacent tree. Minor deadwood within crown.	2.6	40	B	Retain
T179	Ash	8	260	5	4	2.5	Semi Mature	Fair	Good	Good form. Reduced vitality. Small, occluded stem wound in upper centre of crown.	3.1	20	B	Retain
T180	Oak	13	570	8	3	2.5	Semi Mature	Good	Good	Open balanced crown. Multiple Occluded impact wounds on stem. Minor deadwood throughout crown.	6.8	40	B	Retain
T181	Oak	16	1000	9	3	5	Mature	Good	Good	Excellent specimen. Large tree with open balanced spreading crown. Multiple crown lift wounds - partially occluded. Large deadwood within crown.	12.0	40	A	Retain
T182	Oak	18	1400	10	4	2	Over Mature	Fair	Fair	Retrenching stag-headed Crown. Large deadwood throughout	15.0	10	B	Retain
T184	Field maple	8	455	6	3	2	Semi Mature	Good	Good	Good form. Multi-stemmed at base. Partially occluded impact wounds at 2.5m.	5.5	20	B	Retain
T186	Oak	17	1020	8	2	1	Mature	Good	Good	Located along boundary of agricultural fields. Crown lifted to a height of 6m. Flail management of lower canopy.	12.2	20	B	Retain
T187	Oak	45	644	8	3	2	Early Mature	Good	Fair	Multi-stemmed at base. Branch tear outs in lower crown from vehicular impact. Previously pruned back from road. Previously reduced.	7.7	40	B	Retain
T188	Oak	10	1100	4	3	2	Over Mature	Good	Fair	Pollarded at 4m. Large limb previously torn out at 3m.	13.2	40	B	Retain
T189	Field maple	4	450	4	1.5	1	Semi Mature	Good	Good	Multi-stemmed below 1m where tree was previously topped as part of hedgerow management. DBH estimated.	5.4	20	B	Retain
T190	Oak	11	440	7	3	3	Semi Mature	Good	Good	Flailed back from roadside to 3m. Multiple small stubs.	5.3	44	B	Retain
T191	Oak	13	1000	8	3	3	Mature	Good	Good	Open balanced spreading crown. Minor deadwood within crown. Dense ivy covered stem. No access to stem - measures estimated.	12.0	40	A	Retain

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T192	Oak	11	890	6	4	4	Mature	Good	Good	Basal cavity west to 200m diameter exhibiting localised hollowing. Moderate ivy cover from base to upper crown. Historic pollard at 4m. Crown lift management over road and agricultural field.	10.7	20	B	Retain
T194	Oak	14	720	8	2.5	4	Mature	Good	Good	Excellent specimen. Open balanced spreading crown. Minor deadwood throughout crown. Some epicormic growth in centre of crown.	8.6	40	A	Retain
T196	Ash	15	1700	8	1	2	Veteran	Good	Fair to Poor	Very large stem. Lapsed pollard at 4m. Lapsed open basal cavity. Large, decayed pollard arms. Slender regrowth. Large deadwood within crown.	15.0	20	A	Retain
T197	Elm	10	1200	9	2.5	2	Over Mature	Good	Fair to Poor	Asymmetric with centre of gravity to west. Historical large limb failure at 2m from east side of crown. Open cavity in stem from base to primary union, extends into x2 remaining stems with open longitudinal cavities.	14.4	40	B	Retain
T198	Elm	8	250	5	4	4	Semi Mature	Good	Good	Single straight stem with minor sweep between 3m & 4m. Partially occluded impact wound at 2.5m.	3.0	20	B	Retain
T199	Elm	8	340	3	3	3.5	Semi Mature	Good	Good	Single straight stem. Partially occluded basal impact wound.	4.1	20	B	Retain
T201	Oak	14	980	7	3	2.5	Over Mature	Good	Poor	Lapsed pollard at 3m- Distinct change in limb diameter. Multi-stemmed at 2.5m. large open cavities between primary unions and pollard points. No access to stem - dense vegetation.	11.8	40	B	Retain
T202	Oak	8	330	6	4	4	Semi Mature	Good	Good	Minor crown asymmetry due to proximity of adjacent trees. Multiple partially occluded stem wounds. Minor deadwood within crown. Directly adjacent to telegraph pole 06A	4.0	40	B	Retain
T203	Oak	12	380	7	4	3	Semi Mature	Good	Good	Minor crown asymmetry due to proximity and adjacent trees. bifurcated codominant union with minor impact wound on underside of limb overhanging road.	4.6	40	B	Retain
T204	Oak	8	490	5	4	2	Semi Mature	Good	Good	No defects noted. Located directly adjacent to telegraph pole.	5.9	40	B	Retain
T206	Oak	9	1100	9	1	3	Over Mature	Good	Poor	Tree stem is remnants of previously much larger bifurcating stem. Western stem side remains with eastern stem extents is evidently severely fractured and internally decayed.	13.2	20	B	Retain
T207	Oak	15	1360	9	5	3	Mature	Good	Good	Multiple leaders from 3m; historic pollard. Minor deadwood.	15.0	40	A	Retain
T214	Oak	13	930	7	1	2	Mature	Good	Good	Dense ivy cover to upper crown. Crown lift pruning to 5m by flail management. Moderate instances of deadwood to a diameter of approx. 140mm.	11.2	20	B	Retain
T218	Oak	19	1500	11	3	2	Mature	Good	Good	Excellent specimen. Very large stem. Large limb historically snapped out at 3m on NW side - large stub remaining - diameter approximately 540mm. decayed heartwood. Two open cavities on eastern side of stem at 1.25 and 2m.	15.0	40	A	Retain

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T221	Wild cherry	12	485	7	4	4	Early Mature	Good	Good	Basal impact wounds. Acute primary unions. Multiple partially occluded pruning wounds from previous crown lifts.	5.8	20	B	Retain
T223	Oak	17	1100	9	4	3	Mature	Good	Good	Open, balanced spreading crown, with squat form.	13.2	40	B	Retain
T227	Oak	10	370	5	2	1.5	Semi Mature	Good	Good	Flailed back away from to a height of 4m.	4.4	20	B	Retain
T229	Hawthorn	5	130	1.5	No record	No record	Semi Mature	Fair	Fair	No notes	1.6	10	B	Retain
T233	Lombardy poplar	26	600	3	4	2	Mature	Good	Good	Good form and vitality. No defects noted. Located to rear of group.	7.2	20	A	Retain
T234	Lombardy poplar	8	800	5	4	2	Mature	Good	Good	Good form and vitality. No defects noted. Located to rear of group. Large upright limbs in lower crown, to south. Minor deadwood within crown.	9.6	20	A	Retain
T238	Oak	18	870	11	4	5	Mature	Good	Good	Barbed wire enveloped into western side of lower stem. Moderate instances of deadwood.	10.4	40	A	Retain
T239	Oak	16	1127	10	2	3	Mature	Good	Good	Bifurcates at base. Crown lifted to 4m east.	13.5	40	A	Retain
T240	Oak	10	1240	8	3	3	Over Mature	Good	Fair	Substantial hollowing from base to 3m. From a height of 2m, tree has an open cavity throughout the entire upper stem extends to a height of 3m.	14.9	20	A	Retain
T241	Oak	15	1120	7	4	4	Mature	Good	Fair	Exposed primary structural roots to 300mm above ground. Stem fracture east from base to a height of 4m, exhibiting substantial internal hollowing and historic compensation growth.	13.4	20	B	Retain
T242	Oak	17	970	9	3	4	Mature	Good	Good	Minor deadwood.	11.6	40	A	Fell
T244	Oak	13	480	5	6	6	Semi Mature	Good	Good	Growing adjacent to drainage ditch embankment. Lower canopy suppressed by understorey. Bifurcates at 6m.	5.8	20	B	Retain
T246	Oak	22	1370	12	2	5	Mature	Good	Good	Signs of historic root heave south; ground now settled and tree has acclimatised. Slight stem lean north to 9m before correcting; subsequent of historic root heave. Moderate instances of deadwood to a diameter of approximately 130mm.	15.0	40	A	Prune
T247	Oak	19	1080	11	3	3	Mature	Good	Good	Basal bark damage to southern basal flaring, subsequent of animal grazing. Exposed primary rooting and basal cavity north from historic ground level change. Basal cavity does not exhibit internal progressive decay. Moderate instances of deadwood.	13.0	20	B	Fell
T249	Oak	17	670	9	2.5	2.5	Mature	Good	Good	Significantly suppressed east by neighbouring trees.	8.0	20	B	Retain
T252	Oak	15	1470	8	2	3	Over Mature	Good	Fair	Exposed primary surface roots. Primary root flare north to 200mm above ground. Multiple leaders from 3m. Signs of historic primary branch failures and subsequent cavities within primary junction.	15.0	40	A	Retain

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T253	Oak	17	1357	12	3	1	Over Mature	Good	Fair	Historic coppice. Multiple leaders from 5m. Information plaque in front of tree damaged and partly missing. Minor deadwood.	15.0	40	A	Retain
T255	Oak	13.5	990	7	1	2	Mature	Good	Fair	Evident hollowing between basal flaring south-east. Multiple leaders from 2.5m. Several instances of cavities from historic primary and secondary branch loss.	11.9	20	B	Retain
T256	Oak	18	1520	11	4	3	Veteran	Good	Fair	Historic pollard. Multiple leaders from 3m. Minor instances of deadwood to a diameter of approximately 110mm.	15.0	40	A	Retain
T261	Oak	18	1250	9	3.5	4	Mature	Good	Good	Large stem. Squat form with open spreading crown. Dense ivy covering stem and primary branch framework. Diameter estimated. Excellent specimen.	15.0	40	A	Retain
T262	Oak	7	435	6	4	1	Semi Mature	Good	Good	Asymmetric crown due to prune back and flailing back from roadside.	5.2	40	B	Retain
T263	Oak	19	1450	10	4.5	3	Mature	Good	Good	In private garden. Measures estimated. Open balanced crown. No defects observed. Excellent specimen.	15.0	40	A	Retain
T264	Oak	15	1560	6	3	3	Veteran	Good	Fair	Several basal cavities between basal flaring. Lower stem swelling; indicative of compensatory growth to internal decay.	15.0	40	A	Retain
T267	Oak	15	840	7	3	4	Mature	Good	Good	Crown lift pruning over vehicle track. Slight stem lean west.	10.1	40	A	Retain
T269	Oak	13	550	6	4	4	Mature	Good	Fair	Moderate ivy cover. Canopy biased north due to neighbouring suppression. Minor deadwood.	6.6	20	B	Retain
T272	Oak	7	1600	4	3	3	Veteran	Fair	Poor	Dense brambles understorey. Significant decay and bark necrosis to lower stem. Remaining canopy area only growing from west primary leader.	15.0	10	A	Retain
T273	Oak	10	560	5	1	3	Semi Mature	Good	Good	Bifurcates at 4m. Minor deadwood.	6.7	40	A	Retain
T275	Oak	10	500	5	2	2	Semi Mature	Good	Good	Growing adjacent to drainage embankment. Frequent instances of fractured lower canopy branches and deadwood; indicative of flail management.	6.0	20	B	Retain
T276	Oak	8	270	5	4	0	Semi Mature	Good	Good	Multi-stemmed from base. Acute primary unions. Flailed back from road - minor crown asymmetry.	3.2	40	B	Retain
T278	Oak	14	740	6	5	5	Mature	Good	Good	Evidence of agricultural land management to 1m from stem base on all sides. Crown lifted to a height of 5m. Lower stem bark damage.	8.9	20	B	Retain
T279	Oak	12	870	6	3	2	Mature	Good	Fair	Growing within drainage embankment. Moderate stem lean east. Crown lift pruning east, including removal of approx. 250mm diameter secondary branch. Moderate instances of deadwood to 140mm diameter.	10.4	20	B	Retain
T280	Oak	16	1120	7	3	3	Mature	Good	Good	Debris from previous tree house platform within canopy at 3m.	13.4	40	A	Retain

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T281	Oak	14	670	5	4	3	Mature	Good	Fair	Growing adjacent to single track public road. Previous crown reduction management to 10m apex.	8.0	20	B	Retain
T282	Oak	16	940	8	4	2	Mature	Good	Good	Single stem that becomes multi-stemmed at between 3m and 4m. Large primary limbs. open balanced spreading crown. Deadwood throughout crown. excellent Specimen.	11.3	40	A	Retain
T306	Wild cherry	9	790	6	1	1	Mature	Good	Fair	Lower canopy branch fractures roadside; vehicle impacts. Included primary unions at 1m.	9.5	20	B	Retain
T318	Oak	9	453	5	2	3	Semi Mature	Good	Good	Bifurcates at base. Crown lift management over road. Minor deadwood.	5.4	20	B	Coppice
T320	Oak	14	1090	8	2	3	Mature	Fair	Good	Dense ivy cover from base to upper crown. Moderate instances of deadwood to a diameter of approximately 90mm. Signs of a reduction in vitality and moderate state of progressive decline.	13.1	20	B	Retain
T323	Sycamore	16	600	6	5	4	Semi Mature	Good	Fair	Viewed from roadside; located within private residential garden. Bifurcates at 4m. Previous crown reduction pruning with regrowth.	7.2	20	B	Retain
T324	Oak	15	620	7	5	3	Semi Mature	Good	Good	Canopy suppressed north. Bark damage and lower canopy branch fractures subsequent of crown lift management by flail pruning.	7.4	20	B	Retain
T325	Oak	14	940	7	3	3	Mature	Good	Fair	Lower canopy branch damage and fractures subsequent of flail pruning. Historic pollard at 4m. Moderate instances of deadwood to approximately 90mm diameter.	11.3	20	B	Retain
T326	Oak	13	501	5	4	3	Semi Mature	Good	Good	Bifurcates at base; subordinate stem north. Crown lift pruning.	6.0	20	B	Retain
T327	Oak	9	470	5	5	2	Semi Mature	Good	Good	Canopy lift pruning over road. Branch bark damage and fractures subsequent of flail pruning.	5.6	20	B	Retain
T329	Oak	8	460	4	4	3	Semi Mature	Good	Good	Basal bark damage roadside. Crown lift pruning over road by flail.	5.5	20	B	Retain
T330	Oak	8	470	5	4	4	Semi Mature	Good	Good	Basal bark damage roadside. Bifurcates at 2m into acute included union.	5.6	20	B	Retain
T333	Oak	13	580	5	5	3	Semi Mature	Good	Good	Lower canopy branch tears and fractures from crown lift pruning by flail.	7.0	20	B	Retain
T334	Oak	10	620	5	4	2	Semi Mature	Good	Good	Lower canopy branch tears and fractures from crown lift pruning by flail.	7.4	20	B	Retain
T339	Oak	8	460	5	4	2	Semi Mature	Good	Good	Bifurcates at 1.7m. Canopy suppressed NE. Previous crown lift pruning.	5.5	20	B	Retain
T341	Oak	9	500	5	4	2	Semi Mature	Good	Good	Growing from drainage embankment. Previous crown lift pruning by flail, subsequent branch fractures and damage to lower canopy.	6.0	20	B	Retain
T342	Oak	9	490	5	4	2	Semi Mature	Good	Good	Growing from drainage embankment. Previous crown lift pruning.	5.9	20	B	Retain
T350	Oak	9	910	5	4	3	Mature	Good	Fair	Growing adjacent to track drainage ditch. Small basal cavity north; exhibiting some internal hollowing. Previous crown lift management to a height of 3m.	10.9	20	B	Retain

Ref	Species	Height (m)	Stem Diameter (mm)	Crown Spread (m)	Low Crown Height (m)	Lowest Branch Height (m)	Life Stage	Physiological Condition	Structural Condition	Tree Condition Notes and Observations	RPA Radius (m)	Minimum Estimated Remaining Life	BS 5837 Category	Action
T354	Oak	17	1330	9	4	5	Over Mature	Fair	Poor	Large specimen with substantial internal hollowing, fungal colonisation of <i>Laetiporus sulphureus</i>	15.0	10	B	Retain
T363	Oak	10	1410	6	3	3	Veteran	Good	Fair	Historic pollard. Basal cavity to west stem side. Multiple leaders from a height of 3m.	15.0	40	A	Retain
T364	Field maple	9	270	5	1	1	Semi Mature	Good	Good	Multiple leaders from base. Low branching. Minor deadwood.	3.2	20	B	Retain
T365	Oak	14	840	7	3	3	Mature	Good	Good	Growing from descending embankment adjacent to vehicle track. Minor deadwood.	10.1	40	A	Retain
T366	Oak	13	640	5	2	3	Mature	Fair	Good	Growing from descending embankment adjacent to vehicle track. Signs of a significant reduction in vitality and early progressive decay.	7.7	20	B	Retain
T367	Oak	21	1180	9	3	5	Mature	Good	Good	Exposed surface roots over track boundary embankment. Light ivy cover. Minor deadwood.	14.2	40	A	Coppice
T371	Oak	12	880	7	2	4	Mature	Good	Good	Moderate deadwood to a diameter of 130mm.	10.6	40	A	Retain
T377	Oak	13	1330	7	1	3	Mature	Good	Fair	Sub surface habitat openings around base and between basal flaring. Basal bark damage. Historic failure of primary branching west and subsequent canopy and stem fracture from a height of 2m to 5m. Moderate instances of deadwood to approximately 130mm diameter	15.0	20	B	Retain
T378	Oak	13	1290	6	1	1	Veteran	Good	Fair	Historic primary union failure at 3m; evident internal hollowing within large cavities. Moderate ivy to upper crown. Moderate deadwood to a diameter of approximately 100mm.	15.0	40	A	Fell
T379	Oak	20	1150	8	4	4	Mature	Good	Good	Multiple leaders from 7m. Minor deadwood.	13.8	40	A	Retain
T380	Oak	15	950	8	1	2	Mature	Fair	Good	Low branching. Moderate instances of upper crown deadwood to a diameter of approximately 200mm; indicative of staghorn retrenchment.	11.4	40	A	Retain
T381	Oak	16	890	7	4	4	Mature	Good	Good	Minor deadwood. Instances of historic tertiary branch shedding.	10.7	40	A	Prune
T382	Oak	9	880	6	3	4	Mature	Good	Fair	Frequent instances of upper crown branch fractures, indicative of stag horn retrenchment and subsequent failure of deadwood. Moderate ivy cover.	10.6	20	B	Retain
T383	Oak	15	640	8	1	2	Semi Mature	Good	Good	Slight stem lean east. Low branching. Canopy biased west.	7.7	20	B	Retain
T384	Oak	18	1120	8	1	3	Mature	Fair	Fair	Dense ivy cover from base to upper crown preventing clear visual tree assessment and stem measurements. Recommend ivy is removed to facilitate a detailed inspection as tree categorisation may change. Crown lift management over vehicle track.	13.4	20	B	Retain
T391	Oak	21	1300	13	5	5	Over Mature	Fair	Good	Basal bark damage to north basal flaring. Moderate to dense ivy cover from base to upper crown. Stem bifurcates at 5m. Signs of a reduction in vitality and early progressive decline.	15.0	20	B	Retain

Ref	Species	Height (m)	Stem Diameter (mm)	Crown Spread (m)	Low Crown Height (m)	Lowest Branch Height (m)	Life Stage	Physiological Condition	Structural Condition	Tree Condition Notes and Observations	RPA Radius (m)	Minimum Estimated Remaining Life	BS 5837 Category	Action
T392	Oak	14	680	9	<0.5	2	Mature	Good	Good	Crown lift pruning south to a height of 6m to facilitate clearance over vehicle track. Crown lift pruning completed to a poor standard. Canopy biased north due to neighbouring suppression.	8.2	20	B	Retain
T400	Oak	13	630	6	>0.5	1.7	Semi Mature	Good	Good	Bifurcates at 1.7m. Crown lift pruning over public highway. Deadwood minor. Acute compressive secondary union at 3m.	7.6	20	B	Retain
T401	Eucalyptus	14	1096	9	1	0.5	Mature	Good	Fair	Basal/lower stem bark damage. Canopy biased east. Bifurcates at 1.3m; subordinate stem west. Moderate instances of deadwood to 70mm dia.	13.2	20	B	Retain
T402	Oak	9	430	4	1	2	Semi Mature	Good	Good	Growing from road embankment. Crown lifted pruning over public highway. Minor deadwood.	5.2	20	B	Retain
T412	Oak	15	760	8	2	2	Mature	Good	Fair	Bifurcates at 1.7m. Growing along single-track public highway embankment. Biased north due to neighbouring suppression. Moderate ivy cover.	9.1	20	B	Fell
T414	Oak	6	510	5	4	2	Semi Mature	Good	Good	Several instances of branch damage over vehicle track; subsequent of vehicle impact	6.1	20	B	Retain
T415	Oak	8	500	4	4	4	Semi Mature	Good	Good	Crown lifted to 4m.	6.0	20	B	Retain
T418	Oak	14	720	6	3	3	Mature	Good	Fair	Barbed wire attached to lower stem west. Primary branch fractures NE at 6m; storm damage.	8.6	20	B	Retain
T421	Oak	14	990	7	5	3	Mature	Fair	Good	Signs of significant reduction in vitality and early-stage progressive decline. Moderate instances of deadwood to a diameter of approximately 160mm.	11.9	20	B	Retain
T425	Oak	10	680	5	4	3	Mature	Good	Good	Dense ivy cover base to upper crown. Previous crown lift and reduction management. Signs of a reduction in vitality.	8.2	20	B	Retain
T426	Oak	13	700	5	4	4	Mature	Good	Good	Previous crown lift pruning	8.4	40	A	Retain
T427	Oak	9	460	4	3	3	Semi Mature	Good	Good	Growing from drainage embankment. Previous crown lift pruning.	5.5	20	B	Retain
T428	Oak	8	450	4	4	3	Semi Mature	Good	Good	Previous crown lift pruning. Lower canopy branch damage subsequent of vehicle impacts.	5.4	20	B	Retain
T429	Oak	8	330	4	3	3	Semi Mature	Fair	Good	Canopy suppressed west. Signs of a reduction in vitality.	4.0	20	B	Retain
T430	Oak	17	1120	6	4	5	Mature	Good	Good	Stem trifurcates at 3.5m. Previous crown lift pruning over road. Socket cavity at 6m from historic branch failure. Moderate instances of deadwood to a diameter of approximately 150mm over road and overhead cable.	13.4	20	B	Retain
T439	Oak	12	260	5	2	2.5	Semi Mature	Good	Good	Biased south due to neighbouring suppression. Protective fencing to prevent sheep grazing.	3.1	20	B	Retain

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T440	Sycamore	18	980	6	2	2.5	Mature	Good	Fair	Crown lifted to a height of 2.5m. Trifurcates at 2m into acute compressive unions. Minor damage.	11.8	20	B	Retain
T441	Ash	17	930	6	7	6	Mature	Fair	Good	Stem bifurcates at 4m. Crown lifted to 7m. Moderate instances of deadwood to a diameter of approx. 90mm.	11.2	20	B	Retain
T442	Ash	17	1070	9	4	4	Mature	Fair	Fair	No current signs of significant reduction in vitality and dieback indicative of Ash Dieback Disease. Growing from watercourse embankment; Laterally offset exposed primary roots along embankment. Dense ivy from base to upper crown. Desiccated fungal fruiting body.	12.8	20	B	Retain
T447	Oak	17	980	11	2	3	Mature	Fair	Good	Two basal cavities north between basal flaring; mallet sounding does not indicate extensive hollowing currently. Lower canopy pruning south. Moderate instances of deadwood to a diameter of approximately 200mm. Multiple leaders from 4.5m.	11.8	20	B	Retain
T449	Oak	14	1150	8	3	3	Mature	Fair	Good	Signs of a reduction in vitality and upper crown decline.	13.8	20	B	Retain
T450	Oak	14	1200	8	3	<0.5	Mature	Good	Fair	Located on steep land embankment behind barbed wire fence; due to sloping land the site is inaccessible and assessed from adjacent field. Multi-stemmed from base. Several acute compressive primary and secondary unions. Slight suppression south.	14.4	20	B	Retain
T452	Oak	12	1050	6	1	2.5	Mature	Good	Fair	Cavity at 2m, approx. 500mm diameter, exhibiting significant internal hollowing. Previously failed primary leader at 3m and now. multi-stemmed. Desiccated fungal fruiting body of <i>Fistulina hepatica</i> at 1m westward.	12.6	20	B	Retain
T454	Oak	11	480	7	<0.5	1	Semi Mature	Fair	Good	Low branching. Minor deadwood. Animal burrows around stem base. Signs of a slight reduction in vitality.	5.8	20	B	Retain
T455	Oak	19	1000	12	2	4	Mature	Good	Good	Suppressed south due to proximity to neighbouring trees, canopy consequently heavily biased south. Bark damage to lower stem. Significant deadwood to a diameter of 270mm diameter. Lateral fracture of primary leader at 4m north, to approximately 400mm diameter.	12.0	20	B	Retain
T456	Oak	19	890	10	2	4	Mature	Good	Good	Suppressed north due to proximity to neighbouring trees, canopy consequently heavily biased south. Moderate instances of deadwood. Minor basal bark damage from animal grazing.	10.7	20	B	Retain
T458	Oak	19	990	11	2	4	Mature	Good	Good	Suppressed north due to proximity to neighbouring trees, canopy consequently heavily biased south. Historic Failure of secondary branch at 12m, to approx. 200mm diameter.	11.9	20	B	Retain
T463	Oak	17	920	11	1	3	Mature	Good	Good	Low branching. Slight stem lean southward. Historic branch fractures.	11.0	40	A	Retain

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T470	Oak	19	1450	12	1	4	Mature	Good	Good	Bifurcates at base. Located on land embankment, primary union is at a height of 2m east. Light instances of deadwood to a diameter of approximately 170mm.	15.0	40	A	Retain
T472	Oak	18	1050	11	2.5	1.7	Mature	Good	Good	Included primary union at 1.7m, subordinate stem north. Biased East due to neighbouring suppression.	12.6	40	A	Retain
T474	Oak	23	1120	18	2	2	Mature	Good	Good	Canopy heavily suppressed east and west. Low branching. Deadwood minor.	13.4	20	B	Retain
T475	Oak	13	950	5	4	2	Mature	Good	Good	Historic pollard. Multiple leaders from a height of 1.8m. Moderate instances of deadwood to a diameter of 90mm.	11.4	20	B	Retain
T477	Oak	15	770	7	3	4	Mature	Good	Good	Growing from NW side of watercourse embankment. Low branching. Bird box attached to stem at 3m.	9.2	20	B	Retain
T479	Oak	14	1050	7	4	4	Mature	Good	Fair	Primary branch failure south; storm damage. Moderate instances of deadwood. Moderate ivy cover.	12.6	20	B	Retain
T480	Oak	13	640	5	4	4	Semi Mature	Good	Good	Secondary branch failure NW; storm damage. Minor deadwood.	7.7	20	B	Retain
T482	Oak	27	1210	14	<0.5	4	Mature	Good	Good	Moderate instances of deadwood to a diameter of approximately 180mm. Southern secondary leader from 3m has geotropic arching to a height of <0.5m above ground. Historic primary limb failure at 5m. Bird box installed at 5m.	14.5	40	A	Retain
T488	Oak	15	1040	6	5	4	Mature	Fair	Good	Growing from roadside embankment. Moderate ivy cover. Numerous historic secondary branch failures.	12.5	20	B	Retain
T492	Oak	13	720	7	4	2	Mature	Fair	Good	Canopy suppressed southeast. Light ivy cover. Low branching.	8.6	20	B	Retain
T494	Oak	16	649	9	2	3	Semi Mature	Good	Fair	Basal bark damage north. Bifurcates at 0.7m into acute compressive union; subordinate stem south.	7.8	20	B	Retain
T495	Oak	16	480	9	1.5	2	Semi Mature	Good	Good	Growing adjacent to drainage ditch embankment. Canopy biased south, subsequent of neighbouring suppression.	5.8	20	B	Retain
T496	Oak	17	860	7	4	5	Mature	Good	Good	Moderate instances of deadwood to approximately 140mm diameter. Several habitat holes in upper crown.	10.3	40	A	Retain
T497	Oak	16	770	6	7	5	Mature	Fair	Good	Growing from boundary embankment. Light ivy cover. Slight canopy suppression north and south. Stem bifurcates at 5m. Numerous branch pegs from historic secondary branch failures.	9.2	20	B	Retain
T501	Field maple	13	200	7	1	<0.5	Semi Mature	Good	Good	Multi-stemmed from 0.5m. Exposed Surface roots over farm track embankment. Canopy biased east due to neighbouring suppression. Low branching.	2.4	20	B	Retain

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T502	Ash	15	440	7	6	6	Semi Mature	Good	Good	No current signs of significant dieback associated with ash dieback disease. Canopy biased northeast due to neighbouring suppression.	5.3	20	B	Retain
T503	Oak	17	510	6	9	9	Semi Mature	Good	Good	Growing near neighbouring ash tree. Significantly suppressing ash tree.	6.1	20	B	Retain
T504	Oak	18	850	8	3	5	Mature	Good	Good	Small basal cavity east; exhibits minor internal hollowing, however longitudinal bark depression to 2m exhibits some internal decay when mallet sound tested. Canopy suppressed south.	10.2	20	B	Retain
T505	Ash	18	620	7	3	6	Semi Mature	Good	Good	Growing atop Farm track drainage embankment. No current signs of significant dieback associated with ash dieback disease.	7.4	20	B	Retain
T507	Oak	15	983	8	3	3	Mature	Fair	Good	Basal cavity north exhibiting moderate hollowing to lower stem. Bifurcates at 1.4m. Growing from field boundary drainage embankment.	11.8	20	B	Retain
T508	Oak	12	610	6	<0.5	<0.5	Semi Mature	Good	Good	Low branching. Slight stem lean westward. Light ivy cover. Moderate neighbouring suppression.	7.3	20	B	Retain
T509	Oak	17	980	7	4	4	Mature	Fair	Good	Dominant tree within linear group along agricultural boundary. Minor deadwood. Instance of animal damage to tertiary branches east.	11.8	40	A	Retain
T510	Ash	13	760	7	1	3	Mature	Fair	Good	No current signs of significant dieback associated with ash dieback disease. Bifurcates at 4m. Light ivy cover to a height of 7m.	9.1	20	B	Retain
T512	Field maple	12	330	6	1	1	Semi Mature	Good	Fair	Located atop raised ground level within dense bramble understorey, preventing access. Biased south due to neighbouring suppression. Low branching.	4.0	20	B	Retain
T513	Elm	19	850	9	5	4	Mature	Fair	Fair	Moderate stem lean northward, corrects at 5m. Canopy bias north. Moderately dense ivy cover from 2m to upper crown. Signs of a reduction in vitality and dieback of upper crown.	10.2	20	B	Retain
T517	Oak	13	710	6	7	5	Mature	Good	Fair	Located between road and concrete farm track. Roots evidently offset laterally NE & SW. Crown lit pruning. Minor twig dieback.	8.5	20	B	Retain
T521	Oak	12	970	8	1	3	Mature	Good	Good	Shooting platform at 3m; strapped to tree, no invasive attachments. Minor deadwood	11.6	40	A	Retain
T522	Oak	13	600	5	1	2	Semi Mature	Good	Good	Low branching.	7.2	20	B	Retain
T526	Oak	14	770	6	4	4	Mature	Good	Good	Moderate ivy cover: ivy stems previously severed. Crown lift pruning over road. Moderate instances of deadwood.	9.2	20	B	Fell
T527	Oak	16	960	7	3	3	Mature	Good	Good	Moderate ivy cover. Crown lifted over road. Deadwood to a diameter of 150mm over road.	11.5	20	B	Fell
T528	Oak	15	740	7	5	4	Mature	Fair	Good	Signs of a slight reduction in vitality. Crown lifted over road.	8.9	20	B	Retain

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T530	Oak	13	780	6	6	3	Mature	Fair	Good	Crown lifted over road. Moderate instances of deadwood to a diameter of approx. 80mm. Signs of a reduction in vitality.	9.4	20	B	Retain
T531	Field maple	7	3800	4	4	3	Early Mature	Good	Good	Open balanced crown, originating from within hedgerow.	15.0	40	B	Retain
T532	Ash	17	850	6	3	4	Mature	Fair	Fair	Bifurcates at base into included acute union which separates at 2.5m; settled bark, no cracking. Canopy suppressed south.	10.2	20	B	Retain
T538	Oak	14	1230	7	4	4	Over Mature	Good	Poor	Poor structurally but substantial tree.	14.8	10	B	Retain
T540	Oak	13	780	5	No data	No data	Semi Mature	Good	Good	Previous primary leader failure at 6m east, subsequent torn union cavity	9.4	20	B	Retain
T543	Oak	9	630	5	1	2	Semi Mature	Good	Good	Low branching	7.6	40	A	Retain
T545	Oak	15	1010	6	>0.5	2	Mature	Good	Good	Low branching. Light ivy cover.	12.1	40	A	Retain
T547	Oak	13	950	7	4	3	Mature	Fair	Fair	Third party tree; viewed from farm track. Fungal fruiting body of <i>Pseudoinonotus dryadeus</i> at stem base. Previous crown lift and reduction pruning. Signs of a reduction in vitality and moderate state of progressive decline.	11.4	20	B	Retain
T548	Oak	19	1770	8	3	3	Veteran	Good	Fair	Numerous veteran characteristics; Stem fracture, internal hollowing to 3m, historic branch fractures.	15.0	20	A	Retain
T551	Oak	17	1570	8	1	3	Veteran	Good	Fair	Numerous veteran features; Historic branch failures, large cavity and hollowing into stem, significant deadwood	15.0	20	A	Retain
T552	Oak	16	1120	11	5	5	Mature	Good	Good	Moderate instances of deadwood to approximately 110mm diameter. Historic failure of primary branch at 5m	13.4	40	A	Retain
T553	Oak	14	500	6	5	4	Semi Mature	Good	Good	Crown lifted to a height of 5m. Minor deadwood. Bifurcates at 4m.	6.0	20	B	Retain
T555	Oak	13	440	6	3	3	Semi Mature	Good	Good	No discernible defects	5.3	40	A	Retain
T556	Oak	13	585	6	2.5	3	Semi Mature	Good	Good	Trifurcates at 1.3m. Located within dense growth of brambles, measurements consequently estimated. Suppressed west.	7.0	20	B	Retain
T557	Oak	13	810	6	3	3	Mature	Good	Good	Light ivy cover. Minor deadwood. Bifurcates at 4m.	9.7	20	B	Fell
T560	Oak	13	762	7	3	3	Semi Mature	Fair	Good	Multi-stemmed from 0.5m. Moderate instances of deadwood to approximately 100mm diameter. Suppressed southwest.	9.1	20	B	Retain
T561	Oak	12	450	7	3	5	Semi Mature	Good	Good	Slight stem lean and heavy canopy bias southeast due to neighbouring suppression.	5.4	20	B	Retain
T562	Oak	12	680	6	5	2	Mature	Good	Good	Growing from drainage embankment. Previous crown lift pruning over vehicle track. Minor deadwood.	8.2	20	B	Retain

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T566	Oak	10	790	5	1	3	Mature	Fair	Fair	Moderate instances of deadwood to approximately 140mm dia. Growing atop drainage embankment. Low branches. Old pruning wounds. Located adjacent to managed agricultural land.	9.5	20	B	Retain
T569	Oak	12	820	7	4	2	Early Mature	Good	Good	Open balanced crown. Adjacent to ditch. Crown lifted to 4m.	9.8	40	B	Retain
T570	Ash	10	692	6	3	3	Semi Mature	Fair	Good	Some peripheral crown dieback. Minor deadwood throughout.	8.3	20	B	Retain
T574	Oak	15	890	6	4	4	Mature	Good	Good	Historic primary branch failures at 3.5m; subsequent branch pegs to 250mm diameter. Signs of a reduction in vitality.	10.7	20	B	Retain
T575	Oak	15	1100	8	3	5	Mature	Good	Good	Multiple primary limb failures in lower crown, with some decaying of remaining stubs.	13.2	40	B	Retain
T576	Oak	0	1250	7	3	4	Mature	Good	Good	Historic pollard at 4m. Minor deadwood throughout. Open, balanced, spreading crown.	15.0	40	B	Retain
T577	Ash	16	250	8	2	2	Mature	Good	Good	Historically topped at 1.5m as part of hedgerow management. Multi-stemmed from this point with slender limbs. Open balanced spreading crown.	3.0	40	B	Retain
T578	Oak	13	900	8	2	3	Mature	Good	Good	Minor deadwood	10.8	40	A	Retain
T579	Oak	15	780	8	1.5	3	Mature	Good	Good	Minor deadwood. Light ivy cover.	9.4	40	A	Retain
T583	Oak	16	670	7	5	3	Mature	Good	Good	Canopy suppressed west. Numerous lower canopy branch fractures over field.	8.0	20	B	Retain
T588	Oak	16	760	6	5	4	Mature	Fair	Good	Light ivy cover. Canopy suppressed north. Signs of a reduction in vitality and early progressive decline.	9.1	20	B	Retain
T592	Oak	16	810	6	5	3	Mature	Good	Good	Stem trifurcates at 3m. Moderate instances of deadwood to a diameter of approximately 70mm. Historic branch fracture failure at 5m over vehicle track.	9.7	20	B	Retain
T596	Oak	9	1480	6	4	3	Veteran	Fair	Fair	Tree exhibits veteran characteristics.	15.0	20	A	Retain
T600	Oak	16	660	7	1.5	2.5	Mature	Good	Good	Basal collision damage. Low branches. Minor deadwood. Light to moderate ivy cover.	7.9	20	B	Retain
T603	Oak	14	790	5	3	2.5	Mature	Good	Good	Growing from drainage embankment. Minor deadwood. Numerous lower canopy branch fractures (tractor impact damage).	9.5	20	B	Retain
T604	Oak	14	600	6	3	3	Semi Mature	Good	Good	Viewed from nearby road and public footpath. Tree has been given A category as there are no significant defects identified from distance inspection.	7.2	40	A	Retain

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T606	Oak	14	730	5	1	3	Mature	Good	Good	Basal cavity. Growing from drainage embankment. Moderate instances of deadwood to approximately 70mm diameter. Signs of early decline and dieback of upper crown.	8.8	20	B	Retain
T607	Oak	14	970	6	3	3	Mature	Good	Fair	Growing from drainage embankment. Rooting offset eastward. Instance of bark necrosis to stem base. Historic primary branch failure at 5m.	11.6	20	B	Retain
T609	Oak	11	586	5	<0.5	<0.5	Semi Mature	Good	Good	Bifurcates at base. Minor deadwood. Low branches. Located along boundary of agricultural field. Signs of previous land management (ploughing) within projected rooting extents.	7.0	20	B	Retain
T611	Oak	10	488	6	<0.5	<0.5	Semi Mature	Good	Good	Bifurcates at base. Minor deadwood. Low branches. Located along boundary of agricultural field. Signs of previous land management (ploughing) within projected rooting extents.	5.9	20	B	Retain
T612	Oak	15	830	11	1	3	Mature	Good	Good	Growing from field drainage embankment. Bifurcates at 1.7m. Northern leader then bifurcates 0.2m above primary union. Low branching. Moderate instances of deadwood to a diameter of approximately 100mm. Previous pruning works to northern canopy.	10.0	20	B	Retain
T613	Oak	14	1380	8	3	4	Veteran	Good	Poor	Historically reduced to 4m. Multiple leaders from 4m. Eastern stem fracture exhibiting extensive historic hollowing and decay throughout stem to primary union. Fracture line follows historic bifurcating union. Low branches. Moderate deadwood.	15.0	40	A	Retain
T615	Oak	14	1300	7	6	4	Veteran	Good	Fair	Historically reduced to 4m. Multiple leaders from 4m. Cavity to approximately 800mm diameter east from 1.5m, indicative of historic failure of primary leader. Evident significant internal hollowing.	15.0	40	A	Retain
T616	Oak	12	1190	5	5	3	Over Mature	Good	Fair	Historically reduced to 4m. Multiple leaders from 4m. Western stem fracture from base to 4m exhibiting internal decay and necrotised heart wood.	14.3	40	A	Retain
T620	Oak	14	940	8	3	5	Mature	Good	Fair	Minor Deadwood. Ground has been recently tilled over rooting area to close to stem base. Similar ground works have likely been repeated over many years.	11.3	20	B	Retain
T621	Oak	13	980	8	5	4	Mature	Fair	Fair	Growing on pond embankment. Slight stem lean and canopy bias south. Minor deadwood. Fungal fruiting body of <i>Fistulina hepatica</i> at 4m.	11.8	20	B	Retain
T624	Oak	13	1000	6	<0.5	2.5	Mature	Good	Good	Low branching. Minor deadwood.	12.0	40	A	Retain
T625	Oak	13	1190	8	2	2.5	Mature	Good	Good	<i>Ganoderma applanatum</i> brackets at stem base west. Numerous historic branch fractures and failures with associated large socket cavities. Previous crown lift pruning. Significant deadwood. Signs of reduction in vitality	14.3	20	B	Retain

Ref	Species	Height (m)	Stem Diameter (mm)	Crown Spread (m)	Low Crown Height (m)	Lowest Branch Height (m)	Life Stage	Physiological Condition	Structural Condition	Tree Condition Notes and Observations	RPA Radius (m)	Minimum Estimated Remaining Life	BS 5837 Category	Action
T626	Oak	11	693	5	<0.5	2.5	Semi Mature	Good	Fair	Bifurcates at base into tight boundary. Moderate boundary cover. Located near sewage plant boundary.	8.3	20	B	Retain
T627	Oak	18	1090	8	4	5	Mature	Good	Good	Located atop field drainage embankment. Crown lift management to facilitate clearance over agricultural field. Moderate ivy cover.	13.1	20	B	Retain
T628	Oak	19	1690	9	4	4	Veteran	Fair	Poor	Numerous veteran characteristics. Fungal fruiting bodies of <i>Ganoderma applanatum</i> and <i>Meripilus giganteus</i> present.	15.0	10	A	Retain
T631	Oak	21	940	9	<0.5	3	Mature	Good	Good	Located on field drainage embankment. Low canopy height. Historic primary branch failure at a height of 13m; lever arm acclimatisation of adjacent leader.	11.3	20	B	Retain
T639	Oak	16	1010	9	4	3	Mature	Good	Good	Located on embankment. Exposed primary root flare west. Stem trifurcates at 5m. Canopy biased southward.	12.1	20	B	Retain
T645	Oak	16	880	7	1	3	Mature	Good	Good	Growing from drainage embankment. Bark damage to basal flaring northwest. Crown lift management over vehicle access track. Moderate instances of historic tertiary branch shedding.	10.6	20	B	Retain
T647	Oak	14	870	9	1.5	2	Mature	Good	Good	Growing from drainage embankment. Light ivy cover. Crown lit management over vehicle access track.	10.4	20	B	Retain
T652	Oak	17	1080	9	5	5	Mature	Good	Good	Crown lift management to a height of 6m; pruning undertaken to poor standard. Stem trifurcates at 5m. Signs of slight canopy dieback and early progressive decline.	13.0	20	B	Prune
T654	Oak	14	960	8	3	4	Mature	Good	Good	Moderate ivy cover from base to upper crown. Stem bifurcates at a height of 3m. Moderate instances of deadwood to a diameter of approximately 130mm. Instances of tertiary branch shedding.	11.5	20	B	Retain
T658	Deodar cedar	16	980	6	2	2	Mature	Fair	Good	Viewed from neighbouring field. Signs of slight canopy dieback and early decline.	11.8	20	B	Retain
T659	Oak	14	740	7	1	3	Mature	Good	Good	Low branching. Multiple leaders from 3m. Moderate deadwood to lower deadwood.	8.9	20	B	Retain
T662	Oak	14	600	7	<0.5	1.5	Semi Mature	Good	Good	Located near public highway. Canopy lifted north to a height of 5m. Light ivy cover.	7.2	20	B	Prune

Tree Group Data

Table A2 – Tree Group Data

Ref	Species	Estimated Stems	Lower Height (m)	Upper Height (m)	Lower Stem dia. (mm)	Upper stem dia. (mm)	Crown Spread (m)	Low Crown Height (m)	Life Stage	Physiological Condition	Structural Condition	Tree Condition Notes and Observations	RPA Radius (m)	Minimum Estimated Remaining Life	BS 5837 Category	Action
G1005	Oak, ash, Norway maple, hazel	80	5	18	100	800	7	<0.5	Semi Mature to Mature	Fair	Fair	Western edge of a greater woodland area. Neighbouring land adjacent to power station site and compact gravel vehicle track. Moderate to significant impact of ash dieback disease throughout ash tree group component.	9.6	20	B	Retain
G1008	Oak, ash, field maple	30	6	10	150	400	5	1	Semi Mature	Fair	Fair	Due to ongoing construction works, this group was fenced off and assessed remotely from a raised viewing point to the east. Signs of canopy decline throughout ash trees within group indicative of early onset ash dieback. Crown lifted to west over agricultural field.	4.8	20	B	Retain
G1009	Oak, field maple, goat willow, blackthorn ash	60	5	12	120	600	10	2	Semi Mature to Early Mature	Good	Good	Dense ivy covering many stems. Many multi-stemmed trees.	7.2	40	B	Retain
G1010	Oak	4	10	15	500	950	16	2	Mature	Good	Good	Large open spreading crowns. Moderate amount of deadwood within canopy.	11.4	40	A	Retain
G1012	Field maple, oak, ash, hawthorn, wild rose	30	3	13	120	500	11	2	Semi Mature to Early Mature	Good	Fair	Standing deadwood within group. Multiple ash trees have some localised dieback. Multiple trees failed at root plate but hung up partially obstructing bridleway.	6.0	40	B	Retain
G1023	Oak, ash, English elm	15	7	15	180	900	8	2	Semi Mature to Mature	Fair	Good	Close spaced group along land boundary adjacent to agricultural field and road. Located within private residential garden and measurements estimated. Previous crown lift pruning to 5m. Moderate instances of deadwood.	10.8	20	B	Fell/Coppice
G1029	Scots pine, black pine, oak, birch, larch	50	4	11	130	480	8	2	Semi Mature	Good	Good	Spaced groups. Included unions and snap outs. Minor deadwood.	5.8	40	B	Retain
G1030	Scots pine, black pine, oak, birch, larch	50	4	11	130	480	8	2	Semi Mature	Good	Good	Spaced groups. Included unions and snap outs. Minor deadwood.	5.8	40	B	Retain
G1032	Scots pine, black pine, oak, birch, larch	50	4	11	130	480	8	2	Semi Mature	Good	Good	Spaced groups. Included unions and snap outs. Minor deadwood.	5.8	40	B	Retain
G1038	Oak, ash, lime, beech, elm	50	6	18	200	900	7	1	Semi Mature to Mature	Fair	Fair	Trees were assessed from roadside using binoculars because no safe access from steep embankment.	10.8	20	B	Coppice
G1040	Oak, ash, lime, beech, elm	120	10	21	200	900	7	1	Semi Mature to Mature	Fair	Fair	Trees were assessed from roadside using binoculars because no safe access from steep embankment.	10.8	20	B	Retain

Ref	Species	Estimated Stems	Lower Height (m)	Upper Height (m)	Lower Stem dia. (mm)	Upper stem dia. (mm)	Crown Spread (m)	Low Crown Height (m)	Life Stage	Physiological Condition	Structural Condition	Tree Condition Notes and Observations	RPA Radius (m)	Minimum Estimated Remaining Life	BS 5837 Category	Action
G1041	Oak, ash, lime, beech, elm	50	6	18	200	900	7	1	Semi Mature to Mature	Fair	Fair	Trees were assessed from roadside using binoculars because no safe access from steep embankment.	10.8	20	B	Retain
G1044	Oak	4	12	15	750	950	7	4	Mature	Fair	Fair	Trees were assessed from roadside using binoculars. Moderate spaced linear group along farm boundary. Moderate ivy cover to upper crown. Minor deadwood.	11.4	40	A	Retain
G1045	Field maple, Lombardy poplar, lime, aspen, elm	18	8	16	330	600	12	2	Semi Mature to Early Mature	Good	Good	Open balanced crowns.	7.2	40	B	Retain
G1046	Oak	4	10	18	300	1000	8	3	Semi Mature to Mature	Fair	Fair	Trees were assessed from roadside using binoculars because no safe access from steep embankment.	12.0	20	B	Retain
G1047	Oak	13	8	12	430	510	10	1	Semi Mature	Good	Good	Dominant avenue of trees along access road. High aesthetic value. Good form and vitality. Minor deadwood within canopy.	6.1	40	A	Retain
G1048	Ash, maple, oak, hazel, Scots pine, Atlas cedar	80	6	16	100	500	6	1	Semi Mature to Mature	Fair	Fair	Trees were assessed from roadside using binoculars because no safe access from steep embankment.	6.0	20	B	Retain
G1051	Oak	5	6	8	290	400	12	1	Semi Mature	Good	Good	Open balanced spreading crowns. Pruning wounds from previous crown lifts. Minor deadwood.	4.8	40	B	Retain
G1052	Oak, ash, beech, cherry	0	6	16	300	630	14	4	Semi Mature to Mature	Good	Good	Edge of larger woodland group. Good tree spacing.	7.6	40	A	Retain
G1053	Oak	5	6	8	290	400	12	1	Semi Mature	Good	Good	Open balanced spreading crowns. Pruning wounds from previous crown lifts. Minor deadwood.	4.8	40	B	Retain
G1055	Oak	2	8	11	560	570	14	1	Early Mature	Good	Fair	Diameter estimated because very dense ivy covering stem and primary branch frameworks. Open balanced crowns.	6.8	40	B	Retain
G1056	Oak	3	12	17	750	1200	18	1	Mature	Good	Good	Three mature trees. Significant in landscape. Excellent specimens. One with minor reduction in crown density. Minor stem bleeds consistent with acute oak disease.	14.4	40	A	Retain
G1064	Oak	6	5	12	400	650	12	2	Early Mature	Good	Good	Open balanced crowns. Assessed from roadside.	7.8	40	B	Retain
G1065	Oak, field maple, hawthorn, hazel	20	6	16	100	600	6	2	Semi Mature	Fair	Good	Trees were assessed from the northern boundary of Ramsey Wood. Closely spaced group along public footpath access to woodland. Lower canopies managed to allow field use.	7.2	20	B	Fell/Coppice
G1067	Field maple, oak, hawthorn, wild rose, elm, blackthorn	70	2	8	90	430	9	0	Semi Mature	Good	Good	Predominantly field maple overstorey with oak present.	5.2	40	B	Retain

Ref	Species	Estimated Stems	Lower Height (m)	Upper Height (m)	Lower Stem dia. (mm)	Upper stem dia. (mm)	Crown Spread (m)	Low Crown Height (m)	Life Stage	Physiological Condition	Structural Condition	Tree Condition Notes and Observations	RPA Radius (m)	Minimum Estimated Remaining Life	BS 5837 Category	Action
G1068	Oak, wild cherry, ash, English elm, field maple, silver maple	150	6	18	70	880	8	3	Semi Mature to Mature	Fair	Fair	Part of wider woodland area. Close to moderately spaced group of mixed broadleaf species. Growing either side of public footpath. Canopies along northern boundary have been lifted by flail to facilitate clearance over agricultural fields.	10.6	40	A	Retain
G1069	Oak	6	5	12	400	650	12	2	Early Mature	Good	Good	Open balanced crowns.	7.8	40	B	Retain
G1072	Oak	6	5	12	400	650	12	2	Early Mature	Good	Good	Open balanced crowns.	7.8	40	B	Retain
G1076	Oak, wild cherry, ash, English elm, field maple, silver maple	125	6	18	70	670	7	3	Semi Mature to Mature	Fair	Fair	Part of wider woodland area. Close to moderately spaced group of mixed broadleaf species. Growing either side of public footpath. Crown reduction pruning along western boundary to facilitate clearance from overhead lines. Crown lift and reduction management to facilitate clearance from agriculture.	8.0	40	A	Retain
G1081	Oak, ash, field maple, hawthorn	50	5	16	100	640	6	2	Semi Mature	Fair	Good	Western edge of wider woodland area. Close to moderate spaced group of mixed broadleaf species. Canopies along boundary have been lifted by flail management to facilitate clearance over agricultural fields. Ash trees exhibit signs of significant reduction in vitality	7.7	40	A	Retain
G1083	Oak, wild cherry, ash, English elm, field maple, silver maple	125	6	18	70	770	7	1	Semi Mature to Mature	Fair	Fair	Part of wider woodland area. Close to moderate spaced group. Growing either side of public footpath. Crown reduction pruning along eastern boundary to facilitate clearance from overhead lines. Crown lift and reduction management to facilitate clearance from agriculture.	9.2	40	A	Retain
G1088	Oak, hawthorn, goat willow	8	3	6	180	320	7	0	Semi Mature	Good	Good	Assessed remotely. No significant defects noted. Below overhead lines.	3.8	40	B	Retain
G1091	Oak, ash, field maple, hazel	60	5	18	70	820	8	3	Semi Mature to Mature	Fair	Fair	Part of wider woodland area. Close to moderate spaced group. Growing either side of public footpath/ vehicle access track. Previous crown lift and reduction management to facilitate clearance from public footpath. Ash trees exhibit signs of dieback.	9.8	40	A	Retain
G1094	Oak, elder, white willow, field maple, hawthorn	35	6	12	180	600	14	3	Semi Mature to Early Mature	Good	Good	Well-spaced group - high aesthetic value. Located in or adjacent to ditch. Oak, elder and willow overstorey with slightly suppressed understorey. Minor deadwood throughout. Heavily flailed back to a height of 3m.	7.2	40	B	Retain
G1096	Oak, silver birch, Horse Chestnut,	9	7	15	250	570	6	3	Semi Mature to Mature	Fair	Good	Moderate to widely spaced group. Crown lift management to a height of 4m. Moderate instances of deadwood to a diameter of 100mm.	6.8	20	B	Retain

Ref	Species	Estimated Stems	Lower Height (m)	Upper Height (m)	Lower Stem dia. (mm)	Upper stem dia. (mm)	Crown Spread (m)	Low Crown Height (m)	Life Stage	Physio-logical Condition	Structural Condition	Tree Condition Notes and Observations	RPA Radius (m)	Minimum Estimated Remaining Life	BS 5837 Category	Action
G1099	Oak, field maple. Hornbeam, ash, hazel, hawthorn	150	5	19	70	960	8	3	Mature - Semi-Mat	Fair	Fair	Close spaced group growing either side of public footpath/vehicle access track. Evident crown lift and reduction management to facilitate clearance from track. Intermittent mature specimens within closely spaced semi mature group	11.5	20	B	Retain
G1102	Atlantic cedar, Deodar cedar, yew, birch, lime, beech, maple cultivars, Scots pine	0	5	14	150	1200	12	2	Semi Mature to Mature	Good	Good	Very high standard group located within the grounds of Chattisham Hall. Good husbandry. Exceptional group. No major defects. Dimensions estimated remotely.	14.4	40	A	Retain
G1104	Oak, Horse chestnut, ash, silver birch	10	12	16	200	580	6	2	Semi Mature to Mature	Fair	Good	Moderate spaced group of mixed broadleaf trees. Frequent instances of crown lift and reduction management. Group suppression and biased canopies. Central oak bifurcates at 4m into acute union.	7.0	20	B	Retain
G1106	Larch, Weeping Willow, Norway Spruce, Leyland cypress, oak	20	6	20	170	700	9	<0.5	Semi Mature to Mature	Fair	Good	Growing within residential garden. Viewed from neighbouring site; measurements estimated. Stem leans and biased canopies east. Managed close spaced linear group along southern boundary.	8.4	20	B	Retain
G1109	Horse chestnut, oak, ash	6	10	14	290	360	8	2	Semi Mature	Good	Good	Slender straight stems. Minor deadwood throughout.	4.3	20	B	Retain
G1117	Sycamore & Horse Chestnut	3	8	11	440	550	12	3	Semi Mature to Early Mature	Good	Good	Three trees. Assessed remotely across steep ditch. Open balanced crown. No defects noted.	6.6	40	B	Retain
G1118	Oak, field maple, hawthorn	5	5	9	100	430	8	4	Semi Mature	Good	Good	Linear roadside group, crown lifted over highway. Minor deadwood throughout.	5.2	40	B	Retain
G1125	Oak & Field maple	10	5	8	140	350	10	4	Semi Mature	Good	Good	Linear roadside group. Flailed back from road to a height of 4m. Deadwood within canopy. One large dead branch on south side of canopy.	4.2	40	B	Retain
G1134	Oak, ash, hawthorn, field maple, apple	15	4	12	200	650	11	3	Semi Mature to Early Mature	Good	Good	Minor deadwood throughout. Minor impact damage on north side.	7.8	40	B	Retain
G1135	Oak, ash, hawthorn, field maple, apple	15	4	12	200	650	11	3	Semi Mature to Early Mature	Good	Good	Minor deadwood throughout. Minor impact damage on north side.	7.8	40	B	Retain
G1147	Oak	5	6	11	300	710	14	2.5	Semi Mature to Early Mature	Good	Good	Snapped out hung up branches present. Moderate deadwood throughout. Open balanced crowns.	8.5	40	B	Retain

Ref	Species	Estimated Stems	Lower Height (m)	Upper Height (m)	Lower Stem dia. (mm)	Upper stem dia. (mm)	Crown Spread (m)	Low Crown Height (m)	Life Stage	Physiological Condition	Structural Condition	Tree Condition Notes and Observations	RPA Radius (m)	Minimum Estimated Remaining Life	BS 5837 Category	Action
G1151	Oak	7	10	14	440	620	12	3	Early Mature	Good	Good	Group of high value oaks. Open balanced crowns. No significant defects noted.	7.4	40	B	Retain
G1152	Oak	7	10	14	440	620	12	3	Early Mature	Good	Good	Group of high value oaks. Open balanced crowns. No significant defects noted.	7.4	40	B	Retain
G1156	Sycamore	31	14	16	390	970	8	4	Semi Mature to Mature	Good	Good	Moderate spaced linear group. Avenue of Sycamore trees along access drive. Crown lift management to entire group; lifted to a height of 4-5m. Frequent instances of included bifurcating unions.	11.6	20	B	Retain
G1165	Oak, field maple, hawthorn, blackthorn, hazel	-	4	8	80	300	8	2	Semi Mature	Good	Good	Dense woodland group particularly at woodland edges. Multiple minor impact wounds on track side from vehicular impact. Deadwood throughout.	3.6	20	B	Retain
G1170	Sycamore, common alder, oak,	24	14	17	270	1080	8	<0.5	Semi Mature to Mature	Fair	Good	Part of wider woodland area. Moderate spaced group of mixed broadleaf trees. Crown lift management over adjacent compact vehicle track.	13.0	20	B	Retain
G1173	Oak, ash, alder, goat willow, white willow, sycamore, field maple, hawthorn, dogwood, elder	-	6	19	160	1100	16	2	Young to Mature	Good	Good	Good well-spaced woodland. Diverse species, height and age mix. Deadwood within canopy. Typical woodland form. Multiple ash trees showing some localised dieback.	13.2	40	A	Retain
G1174	Wild cherry, field maple, aspen, ash, blackthorn, hazel	50	5	19	70	340	6	<0.5	Semi Mature	Fair	Good	Northern boundary section of wider woodland group located on neighbouring land. Signs of a significant reduction in vitality and crown dieback of ash trees; indicative of ash dieback disease. Dense understorey.	4.1	20	B	Retain
G1176	Austrian pine	3	12	18	430	900	8	2	Semi Mature to Mature	Good	Good	Close spaced group. Bark damage to lower stem of largest tree, approximately 1.7m x 250mm.	10.8	20	B	Retain
G1178	Yew	10	7	10	160	460	8	<0.5	Semi Mature	Good	Good	Close spaced linear group. Shared optimised canopy space. Exposed surface roots over garden boundary embankment; moderate instances of root bark damage. Low canopy height.	5.5	20	B	Retain
G1179	Leyland cypress, walnut	3	6	11	400	600	5	2	Early Mature	Good	Good	Good form and vitality. Acute primary unions with bark inclusions.	7.2	20	B	Retain
G1190	Common alder, field maple, crack willow	28	12	18	180	1100	9	2	Semi Mature to Mature	Fair	Fair	Closely spaced group of predominantly mature common alder trees. Frequent multi-stemmed trees. Group is growing along stream embankment, preventing accurate tree measurements. Low branching. Instances of historic primary limb fracture.	13.2	20	B	Coppice
G1191	Balsam poplar	6	14	18	450	800	18	4	Early Mature	Fair	Good	Six trees. Proliferation of stems at bases and diameter estimated. Slender stems. Acute unions throughout.	9.6	20	B	Retain

Ref	Species	Estimated Stems	Lower Height (m)	Upper Height (m)	Lower Stem dia. (mm)	Upper stem dia. (mm)	Crown Spread (m)	Low Crown Height (m)	Life Stage	Physiological Condition	Structural Condition	Tree Condition Notes and Observations	RPA Radius (m)	Minimum Estimated Remaining Life	BS 5837 Category	Action
G1196	Oak, elm, hawthorn, blackthorn, ash	0	6	16	100	700	14	2	Semi Mature to Early Mature	Good	Good	Good straddles either side of footpath. Predominantly oak. Moderate deadwood within canopy. Some standing deadwood.	8.4	40	B	Fell/Coppice
G1199	Weeping willow, walnut, sycamore, European Larch	15	10	18	450	800	14	1	Semi Mature to Early Mature	Good	Good	Excellent group of high aesthetic value, easily visible from highway. Pruning wounds from past husbandry. Dense ivy covering stems. No significant defects noted.	9.6	40	A	Retain
G1212	Common alder, silver birch, white willow, Scots Pine	75	10	20	200	550	6	2	Semi Mature	Fair	Good	Trees were assessed from neighbouring land using binoculars and available google data. Western group extents near watercourse is predominantly common alder and willow.	6.6	20	B	Coppice
G1213	Sycamore, common alder, oak,	5	15	18	550	590	9	2	Semi Mature	Fair	Good	Moderate to closely spaced group. Alder multi-stemmed from 0.5m. Previous crown lift management.	7.1	20	B	Retain
G1231	Balsam poplar, sycamore, sweet chestnut,	14	10	20	390	690	7	4	Semi Mature to Mature	Good	Fair	Linear group along northern side of compact gravel vehicle access track. Crown lift pruning over track and field. Several instances of lower canopy branch fractures from previous impact damage. Root compaction over vehicle track.	8.3	20	B	Retain
G1233	Balsam poplar, wild cherry, sweet chestnut, Norway maple	13	9	19	340	660	7	4	Semi Mature to Mature	Fair	Good	Linear group along southern side of Compact gravel vehicle track. Instances of damaged exposed surface roots along track embankment. Root compaction over track. Crown lift pruning to 4-5m. Evidence of lower canopy reduction pruning with tractor flail.	7.9	20	B	Retain
G1240	Leyland cypress & Hawthorn	25	4	10	120	350	6	1	Semi Mature	Good	Good	Linear boundary group. No defects noted.	4.2	20	B	Retain
G1241	Oak, ash, wild cherry, holly	15	6	10	110	330	4	1	Semi Mature	Fair	Good	Close spaced group. Crown reduction management to reduce lower canopies to field boundary, to a height of 5m.	4.0	20	B	Retain
G1242	Ash, field maple, English elm, oak, hawthorn, blackthorn	35	6	11	90	220	8	3	Semi Mature	Good	Good	Linear roadside group. Hawthorn and Blackthorn understorey. Multiple partially occluded minor impact wounds.	2.6	20	B	Retain
G1245	Field maple, hybrid poplar, hawthorn	20	6	14	190	280	12	3	Early Mature	Good	Good	Dense boundary adjacent to ditch. No defects noted. No access to stems.	3.4	20	B	Retain
G1246	Leyland cypress	150	10	14	230	480	10	5	Early Mature	Good	Good	Long linear boundary screening group. Highly visible from road. No significant defects noted.	5.8	20	B	Retain
G1253	Oak, wild cherry, ash, field maple, hawthorn,	200	7	15	160	650	16	2	Semi Mature to Mature	Good	Good	Moderately dense woodland group. Oak predominant. Standing deadwood with group. Partially failed hung up trees. Large deadwood with canopy.	7.8	40	A	Retain

Ref	Species	Estimated Stems	Lower Height (m)	Upper Height (m)	Lower Stem dia. (mm)	Upper stem dia. (mm)	Crown Spread (m)	Low Crown Height (m)	Life Stage	Physiological Condition	Structural Condition	Tree Condition Notes and Observations	RPA Radius (m)	Minimum Estimated Remaining Life	BS 5837 Category	Action
G1254	Oak, Leyland cypress, ash, cherry, hawthorn	20	4	11	100	440	10	2	Semi Mature	Good	Good	Linear boundary group. Ash trees with reduced crown density.	5.3	20	B	Retain
G1259	Oak	4	8	10	320	490	12	2.5	Semi Mature	Good	Good	Located within linear group. Open balanced crowns. Moderate deadwood within canopy. No defects noted.	5.9	40	B	Retain
G1261	Oak, wild cherry, field maple, hawthorn	40	4	8	120	210	9	2	Semi Mature	Good	Good	Linear boundary group. Mall section topped at 4m below utility lines. Minor deadwood within canopy.	2.5	20	B	Retain
G1262	Hybrid poplars	5	18	22	450	500	5	7	Early Mature	Good	Good	Exposed linear boundary group. Deadwood throughout lower crow. No access for stem measurement because of ditch	6.0	20	B	Retain
G1263	English Elm	4	8	9	230	320	8	1	Semi Mature	Good	Good	Adjacent to dead group of elm. Asymmetric canopy due to proximity of adjacent trees.	3.8	20	B	Retain
G1267	Oak, ash, elm, hawthorn, hazel	15	6	12	200	490	11	3	Semi Mature to Early Mature	Fair	Good	Ash and elm with minor reduction in crowns. Multiple trees have previously been topped at 6m. Hazel and hawthorn understory.	5.9	40	B	Retain
G1268	Oak, crab apple, field maple	25	4	11	100	350	8	3	Semi Mature	Good	Good	Narrow roadside group. Multiple impact wounds between 2 and 3m. Hung up snapped out branches present.	4.2	20	B	Retain
G1270	Field maple, English elm	25	5	8	120	310	8	2	Semi Mature	Good	Good	Linear boundary group. Minor deadwood within canopy.	3.7	20	B	Retain
G1277	Oak, Field maple	25	5	9	200	520	9	2	Semi Mature	Good	Good	Linear group with broken remnant hawthorn and hazel hedgerow aligned with stems. Minor deadwood within canopy.	6.2	40	B	Retain
G1281	Oak, wild cherry, ash, hazel, elder	0	8	16	100	500	7	2	Semi Mature to Early Mature	Good	Good	Moderately dense woodland group. Slender phototrophic form. standing deadwood and hung up trees within group. Stem wounds. Included union failures.	6.0	40	B	Retain
G1283	Oak	4	6	9	490	630	12	3	Early Mature	Good	Fair	Linear group of 4 oak. Reduced crown density of tree to east of group. Multiple historic branch snap outs in lower crown with some decay pockets - not significant at present.	7.6	40	B	Fell
G1284	Oak, field maple, ash, English elm, hawthorn, hazel, blackthorn	200	5	17	120	970	8	<0.5	Semi Mature to Mature	Fair	Good	Close spaced woodland group. Public footpath running through northern extents and centre of group north to south, providing landscape value. Signs of a reduction in vitality of ash trees canopy; indicative of early onset ash dieback disease	11.6	40	A	Coppice

Ref	Species	Estimated Stems	Lower Height (m)	Upper Height (m)	Lower Stem dia. (mm)	Upper stem dia. (mm)	Crown Spread (m)	Low Crown Height (m)	Life Stage	Physiological Condition	Structural Condition	Tree Condition Notes and Observations	RPA Radius (m)	Minimum Estimated Remaining Life	BS 5837 Category	Action
G1287	Oak, ash, English elm, silver birch, holly, elder, hawthorn, cockspur thorn, alder	400	6	18	70	1060	8	<0.5	Young to Mature	Fair	Good	Close to moderate spaced woodland. Woodland area spreads further north and south than mapped. Evident crown reduction management to trees located below overhead line, as well as management of lower canopy spread towards adjacent agricultural fields.	12.7	40	A	Retain
G1288	Scots pine, sycamore, English elm, wild cherry, oak, field maple, hawthorn.	250	6	20	250	650	9	3	Semi Mature to Mature	Fair	Fair	Well-spaced woodland group. Limited access due to dense vegetation and uneven terrain. Large standing deadwood within woodland. Some oak within group with minor crown dieback.	7.8	40	A	Retain
G1305	Sycamore, holly	30	5	12	120	280	7	3	Semi Mature	Fair	Good	Dense group. Slender phototropic form.	3.4	20	B	Retain
G1306	Oak, sycamore, wild cherry, hybrid poplar	50	6	24	140	650	9	6	Semi Mature to Mature	Good	Good	Moderately spaced woodland group. typical woodland form. Recently crown lifted on east side of canopy. Flush cuts present. Screens private residential property.	7.8	40	A	Retain
G1307	Oak, wild cherry, sweet chestnut, English elm, holly, hawthorn, hazel, elder	100	6	15	150	1210	8	<0.5	Semi Mature to Over Mature	Good	Good	Variably spaced group to northern extents of wider woodland area. Numerous oak trees exhibiting some veteran features - stem cavities/significant internal hollowing/ historic fracturing.	14.5	40	A	Retain
G1308	Ash, sycamore, holly, hawthorn	75	8	16	140	450	6	3	Semi Mature	Good	Good	Well-spaced woodland. Dense ivy throughout, covering majority of stems. Topped below Overhead lines to south end of group (8m).	5.4	40	A	Retain
G1310	White willow, field maple, oak, ash, common alder	17	7	18	280	1000	8	1	Semi Mature to Mature	Fair	Good	Close to moderately spaced group along watercourse embankment. Northern mature white willow has historically failed at base. Northern canopy has been reduced to boundary and remaining canopy has compensated. Due to watercourse, not all trees were accessible.	12.0	20	B	Retain
G1318	Oak, hybrid Poplar, white willow, crack willow, goat willow, common alder, hawthorn	250	6	21	140	1140	8	1	Semi Mature to Mature	Fair	Good	Close spaced woodland group. Several bodies of water and waterlogged sites within woodland. Numerous root plate failures and signs of root plate instability, because of poor ground conditions. Boundary trees northeast reduced in height.	13.7	20	B	Retain
G1332	Oak, holly, hawthorn	85	5	16	150	860	8	<0.5	Semi Mature to Mature	Good	Good	Closely spaced linear of group along western side of vehicle access track. Semi mature to mature oak trees located intermittently located throughout group with close spaced understorey of holly and hawthorn. Canopies have been pruned.	10.3	20	B	Retain

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G1333	Oak, holm oak	25	7	16	300	700	16	5	Early Mature to Mature	Good	Good	Third party private trees with no access. Dimensions and values estimated. No significant defects noted.	8.4	40	A	Retain
G1334	Oak	20	8	9	300	500	11	5	Semi Mature	Good	Good	Linear roadside boundary group. Uniform in size and form. Flailed back and crown lifted over road. Multiple minor impact wounds.	6.0	40	B	Retain
G1336	Oak, holly, hawthorn	85	5	16	120	780	7	<0.5	Semi Mature to Mature	Good	Good	Close spaced linear of group along eastern side of vehicle access track. Semi mature to mature oak trees located intermittently located throughout group with close spaced understorey of holly and hawthorn. Canopies pruned.	9.4	20	B	Retain
G1338	Oak, ash	5	6	12	300	480	12	4.5	Semi Mature to Early Mature	Good	Good	Dense ivy covering stems and primary branch frameworks. Flailed back from roadside.	5.8	40	B	Retain
G1341	Oak	5	5	9	300	600	6	4	Semi Mature to Early Mature	Good	Good	Heavily flailed back on roadside. Branch vehicular impact wounds. minor deadwood throughout.	7.2	40	B	Retain
G1343	Not recorded	16	8	13	250	580	10	4.5	Early Mature to Mature	Good	Good	Third party group in private garden. Good form and vitality. No significant defects noted.	7.0	40	B	Retain
G1346	Oak, holm oak	25	7	16	300	700	16	5	Early Mature to Mature	Good	Good	Third party private trees with no access. Dimensions and values estimated. No significant defects noted.	8.4	40	A	Retain
G1353	White willow, oak, ash	7	8	12	300	670	14	4.5	Semi Mature to Early Mature	Good	Fair	Some localised dieback in One oak and ash. One standing deadwood to rear of group. Moderate deadwood within canopy.	8.0	20	B	Retain
G1355	Mixed broadleaf	20	5	14	200	700	0	2	Semi Mature to Mature	Good	Good	Linear planted group along western boundary of hardstanding vehicle track. Viewed from roadside and public footpath; site not accessed.	8.4	20	B	Retain
G1356	Mixed broadleaf	20	6	13	250	500	0	2	Semi Mature	Good	Good	Moderate spaced linear group of planted trees along eastern boundary of hardstanding vehicle track. Viewed from roadside and public footpath; site not accessed.	6.0	20	B	Retain
G1360	Oak	4	7	9	320	460	0	4	Semi Mature	Good	Good	Open balanced crowns. no defects noted.	5.5	40	B	Retain
G1368	Oak, ash, field maple	8	3	7	200	350	12	4	Semi Mature	Good	Good	Closely spaced linear boundary group. Flailed to a clearance height of 4m. No significant defects.	4.2	40	B	Retain
G1372	Oak, Scots pine	37	7	15	170	1300	0	5	Semi Mature to Over Mature	Fair	Good	Oak trees loosely spaced along western boundary. Close spaced Scots pine group along eastern group extents. Previous crown lift and reduction management to facilitate clearance from road.	15.6	20	B	Retain

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G1373	Oak, ash, Scots pine	28	11	16	230	720	0	5	Semi Mature to Mature	Fair	Fair	Close spaced group. Previous crown lift and reduction management to facilitate clearance from road. Ash tree adjacent to vehicle track exhibits signs of a slight reduction in vitality and deadwood to approximately 130mm diameter over road.	8.6	20	B	Retain
G1374	Oak, wild cherry, ash, hornbeam	100	4	8	70	300	3	1	Young to Semi Mature	Fair	Good	Close spaced planted woodland group. Tree guards present within group centre. Future selective thinning required.	3.6	20	B	Retain
G1378	Oak, ash, hawthorn, field maple, holly	300	5	17	70	830	9	<0.5	Young to Mature	Fair	Good	Woodland group. Biased canopies of boundary trees. Low branches. Deadwood minor to significant. Several dead mature trees presenting no significant risk to target and retaining ecological benefits.	10.0	40	A	Retain
G1379	Oak, ash, field maple, hazel, hawthorn	40	5	12	200	600	11	2.5	Semi Mature to Early Mature	Good	Good	Boundary line group located in or adjacent to ditch. Minor deadwood. Ivy covered systems. Leaning stems. No significant defects.	7.2	40	B	Retain
G1380	Oak	11	7	9	360	580	0	1	Semi Mature	Good	Good	Moderate to widely spaced linear group growing either side of drainage embankment. Crown lift pruning by flail.	7.0	20	B	Retain
G1381	Oak	9	10	13	400	570	14	3	Early Mature	Good	Good	High value linear roadside group. Multiple pruning wounds from previous crown lifts. One tree with basal wound and small beefsteak fungus bracket. Suppressed understorey of field maple and ash.	6.8	40	B	Retain
G1386	Oak	4	14	16	860	980	9	4	Mature	Good	Good	Moderate spaced group along boundary of agricultural fields. Moderate Ivy cover. Slight stem leans that correct.	11.8	40	A	Retain
G1387	Ash, field maple	8	6	12	190	440	14	4.5	Semi Mature	Good	Good	Linear group of trees. Two larger ash with slightly suppressed understorey of field maple. One ash with large partially occluded impact wound at 1.5m.	5.3	20	B	Retain
G1390	Lombardy poplar	8	17	20	400	710	3	1	Semi Mature	Fair	Good	Moderate to widely spaced linear group. Growing along boundary between agricultural fields. Minor to significant deadwood.	8.5	20	B	Retain
G1396	Oak	9	7	12	450	900	16	3	Early Mature	Good	Good	Old pruning wounds with decay cavities. Partially occluded stem wounds from previous impact damage. Minor deadwood throughout.	10.8	40	B	Retain
G1399	Oak	3	12	14	640	670	0	4	Mature	Fair	Good	Close to moderate spaced linear group along road embankment. Crown lift pruning over road. Canopy in contact with overhead telecoms cable.	8.0	20	B	Retain
G1404	Oak, ash, hawthorn, field maple, holly	300	5	17	70	830	9	<0.5	Young to Mature	Fair	Good	Woodland group. Biased canopies of boundary trees. Low branches. Deadwood minor to significant. Several dead mature trees presenting no significant risk to target and retaining ecological benefits.	10.0	40	A	Retain

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G1406	Oak, ash, common lime	7	8	12	280	610	0	4	Semi Mature	Fair	Good	Moderate to widely spaced linear group. Growing along drainage embankment. Crown lift pruning over road.	7.3	20	B	Retain
G1407	Oak,	6	8	9	150	480	5	3	Semi Mature	Good	Good	Close spaced group of oak trees divided into two separate stands. Growing adjacent to single track road. Crown lift management over field and vehicle access track.	5.8	20	B	Retain
G1421	Oak	4	15	17	740	1230	0	5	Mature	Good	Good	Previous crown lift pruning over vehicle track. Moderate ivy cover to western trees. Eastern trees bifurcate at base. Moderate instances of deadwood to approximately 100mm diameter.	14.8	40	A	Retain
G1422	Common alder	50	12	16	180	360	0	2	Semi Mature	Fair	Fair	Close spaced group on saturated land with pond area to centre of site. Predominantly multi-stemmed trees.	4.3	20	B	Retain
G1430	Oak	4	9	15	360	920	8	1	Semi Mature to Semi Mature	Fair	Fair	Moderate spaced group. Significant group suppression and subsequent unbalanced crown spreads. Evident signs of wildlife habitats at ground level within group.	11.0	20	B	Retain
G1432	Oak	10	8	12	600	850	0	3	Mature	Fair	Fair	Group viewed from roadside and desktop images; site not accessed as instructed. Evident flail management of lower canopies. Moderate ivy cover.	10.2	20	B	Retain
G1433	Oak, ash, field maple, hawthorn, elder	70	7	15	90	500	6	1	Semi Mature	Fair	Fair	Close spaced group adjacent to field fencing. Ash trees within group exhibit signs of slight to moderate reduction in vitality and dieback; indicative of early to moderate onset of ash dieback disease. Dense bramble understorey within central group.	6.0	20	B	Retain
G1436	Oak, ash, field maple	28	9	16	210	910	0	3	Semi Mature to Mature	Fair	Fair	Moderately spaced group along watercourse embankment. Rooting offset northward. Minor to significant deadwood. Two trees on groups eastern extents are ash trees exhibiting signs of significant reduction in vitality and dieback.	10.9	20	B	Retain
G1437	Silver birch, horse chestnut, common alder	14	5	13	170	550	0	2	Semi Mature	Good	Good	Close to moderate spaced group. Previous crown lift pruning	6.6	20	B	Retain
G1440	Oak, crack willow	15	12	18	300	900	5	No record	Semi Mature to Mature	Fair	Fair	Viewed from roadside west. All measurements estimated from distant view and desktop images as instructed.	10.8	20	B	Retain
G1443	Goat willow, common alder, silver birch, wild cherry, oak	400	6	13	70	390	0	1	Young to Semi Mature	Fair	Fair	Close to dense area of relatively newly planted woodland. Camping and bush craft areas within site. Moderate instances of wind thrown trees. Processed arisings adjacent to footpath from felling to facilitate access to camping areas.	4.7	20	B	Retain
G1444	Mixed broadleaf	10	5	15	150	500	0	No record	Semi Mature	Good	Good	No field notes	6.0	20	B	Retain

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G1447	Oak	10	12	16	180	620	7	5	Semi Mature	Fair	Fair	Closely spaced linear group between footpath and drainage ditch embankment. Trees located North of drainage ditch; RPAs offset north. Several trees in late stage of decline; low risk to target and providing ecological benefits.	7.4	20	B	Retain
G1450	Oak	3	10	14	510	700	7	5	Semi Mature to Mature	Good	Good	Close spaced linear roadside group. Dense understorey of young field maple. Adjacent to managed agricultural land. Signs of slight upper crown dieback. Lower canopy flail pruning on roadside. Smallest stem located southern extents of group.	8.4	20	B	Retain
G1453	Common alder, oak, goat willow, hawthorn	70	4	16	70	650	0	1	Young to Mature	Fair	Fair	Moderate spaced group growing on significantly saturated land. Previous pruning and felling to facilitate clearance from overhead line. Instances of previous stem fractures and failures.	7.8	20	B	Retain
G1456	Hybrid black poplar	48	10	29	490	850	10	2	Semi Mature to Mature	Good	Fair	Linear group bordering southern open field area. Eastern trees growing within significantly waterlogged area. Several instances of historic upper stem fracture and failure. Light to moderate ivy cover.	10.2	20	B	Coppice
G1459	Oak, field maple	57	12	19	450	1320	0	5	Semi Mature to Over Mature	Fair	Good	Close to moderate spaced group. Predominantly populated by mature oak trees. Located either side of woodland footpath.	15.8	40	A	Retain
G1460	Common Alder, hybrid poplar, oak, ash, goat willow	55	6	18	150	450	6	2	Semi Mature	Fair	Fair	Close to moderate spaced woodland group. Located on significantly waterlogged land. Access restricted by numerous hidden streams beneath dense weed understorey; measurements consequently estimated. Alder trees are predominantly multi-stemmed from base.	5.4	20	B	Retain
G1462	Oak, silver birch, ash, wild cherry,	130	5	12	70	260	4	1	Young to Semi Mature	Fair	Good	Close spaced planted woodland group. Young ash trees exhibit late to terminal stage of decline, subsequent of ash dieback disease. Tree guards present on younger trees.	3.1	20	B	Fell/Coppice
G1463	Oak, ash, Norway maple, rowan, plum, apple, silver birch, holly, hawthorn	35	4	13	70	650	0	2	Young to Mature	Fair	Fair	Viewed trees within residential boundary from field and footpath. Crown lift and reduction management over field and to facilitate clearance from overhead line.	7.8	20	B	Retain
G1478	Oak, ash, hawthorn, hazel, elder	36	4	18	70	770	8	<0.5	Semi Mature to Mature	Fair	Good	Inner woodland group. Moderately spaced trees. Suppression of understorey semi mature vegetation. Vehicle and footpath tracks within woods or shooting purposes. Public highway adjacent to eastern boundary.	9.2	40	A	Retain

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G1482	Ash, common alder, oak, goat willow, hawthorn	100	4	18	150	800	0	1	Young to Mature	Fair	Fair	Close to moderate spaced group partially located on significantly saturated land. Group partially not accessible. Previous pruning and felling work to facilitate clearance from overhead line.	9.6	20	B	Retain
G1484	Sycamore, crack willow, common alder, ash, goat willow	70	4	19	100	790	0	2	Young to Mature	Fair	Fair	Close spaced woodland group. Previous pruning management to facilitate clearance from footpaths and overhead line.	9.5	20	B	Retain
G1486	Oak, silver birch, hazel, Poplar	125	3	18	70	860	8	<0.5	Semi Mature to Mature	Good	Good	Inner woodland group. Moderately spaced trees. Suppression of understorey semi mature vegetation. Vehicle and footpath tracks within woods or shooting purposes. Northern extents of woodland site adjacent to 1.5m deep recently excavated drainage ditch.	10.3	40	A	Retain
G1490	Oak, ash, hazel, hawthorn, field maple	55	5	17	70	860	0	5	Young to Mature	Fair	Fair	Previous crown reduction management to facilitate clearance from vehicle track. Moderate to widely spaced semi mature/mature trees with dense understorey tree growth. Minor to moderate instances of deadwood.	10.3	20	B	Retain
G1493	Oak, ash, holly, hazel, hawthorn	68	5	17	70	830	7	<0.5	Semi Mature to Mature	Fair	Good	Boundary group of woodland area. Close to moderately spaced mature trees with moderately dense understorey growth of young to semi mature broadleaf vegetation. Adjacent to frequently used vehicle access track.	10.0	40	A	Retain
G1494	Oak, sycamore, ash, English elm, holly	45	7	20	250	850	0	5	Semi Mature to Mature	Fair	Fair	Viewed from public road and neighbouring field; Trees located within residential boundary. Crown lift pruning to facilitate clearance over road. Possible signs of dieback in Ash tree canopies. Light to moderate ivy cover to boundary trees.	10.2	40	A	Retain
G1511	Oak, holly, ash,	15	14	17	180	410	6	<0.5	Semi Mature	Fair	Good	Close spaced group. Group suppression. Crown lift management to facilitate clearance from agricultural field.	4.9	20	B	Retain
G1512	Oak, ash, sycamore, Corsican pine, hawthorn	57	3	17	70	670	0	<0.5	Young to Semi-Mature	Fair	Fair	Close spaced boundary group between private land and access track to sewage plant. Group suppression and associated unbalanced canopies. Standing deadwood within group. Heavy pruning to roadside oaks. Consider removal of deadwood >35mm over public road.	8.0	20	B	Retain
G1513	Silver birch, holly	7	5	9	240	350	0	1	Semi Mature	Good	Good	Group viewed from roadside; site not accessed as instructed. Signs of crown reduction management to clear vehicle track.	4.2	20	B	Retain
G1514	Sycamore, ash, oak, hawthorn	58	3	16	70	520	0	1	Young to Semi Mature	Fair	Fair	Close spaced group. Evident signs of previous pruning and felling management.	6.2	20	B	Retain

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G1525	Oak, sweet chestnut, field maple	150	8	13	150	460	6	1	Semi Mature	Good	Good	Part of wider woodland group spreading north. Planted woodland in linear planting lines. Close spaced trees; subsequent neighbouring canopy suppression throughout group.	5.5	20	B	Retain
G1530	Oak, field maple, ash, hazel	12	5	8	110	280	4	<0.5	Semi Mature	Fair	Good	Moderate spaced linear group of semi mature mixed broadleaf trees. Located along farm drainage ditch. No signs of heavy flail management. No current signs of significant dieback within ash trees.	3.4	20	B	Retain
G1533	Sweet chestnut, oak, ash, holly	85	9	16	240	550	0	3	Semi Mature	Fair	Fair	Part of wider woodland group set back from roadside vegetation. Viewed from roadside. Moderate instances of ivy cover. Evident previous branch and stem failures within woodland area. Cabins and access track within site. Significant bluebell understorey.	6.6	20	B	Retain
G1534	Ash, silver birch, aspen, goat willow, oak, common alder, white willow, hawthorn	32	5	23	90	870	8	1	Semi Mature to Mature	Fair	Fair	Close spaced group adjacent to power line tower. Pheasant feeder within group. Several large ash trees still exhibit a good physiological condition, younger ash trees exhibit moderate decline subsequent of ash dieback. Signs of some root plate displacement.	10.4	20	B	Retain
G1539	Oak, ash	45	11	16	170	470	0	4	Semi Mature	Fair	Fair	Part of wider woodland group. Close to moderate spaced group. Crown lift pruning over vehicle access track. Numerous standing dead stems within group and adjacent to vehicle track. Signs of reductions in vitality throughout group.	5.6	20	B	Retain
G1547	Field maple	6	9	14	360	480	6	2	Semi Mature	Good	Good	Moderate to widely spaced linear group along boundary of pheasant pens. Dense bramble understorey. Moderate instances of deadwood to eastern tree.	5.8	20	B	Retain
G1564	Oak, ash, hazel, poplar	26	6	16	100	780	7	<0.5	Semi Mature to Mature	Fair	Good	Boundary group of woodland area. Moderately spaced mature trees with dense understorey growth of young to semi mature broadleaf vegetation. Adjacent to frequently used vehicle access track.	9.4	40	A	Retain
G1570	Oak, wild cherry, Norway maple, ash, lime, field maple, wych elm, elder	27	5	16	70	680	0	4	Semi Mature to Mature	Fair	Fair	Moderate spaced roadside group. Crown lift pruning over road. Acute included primary union of Norway maple.	8.2	20	B	Retain
G1582	Oak, ash, field maple, English elm, hornbeam	54	7	19	170	830	10	2	Semi Mature to Mature	Fair	Fair	Close to moderate spaced linear group growing either side of vehicle access track. Fungal fruiting bodies of <i>Pseudoinonotus dryadeus</i> present at the base of two mature oak trees. Fungal fruiting bodies of <i>Inonotus hispidus</i> present within the upper stem.	10.0	20	B	Retain

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G1584	Silver birch	3	11	12	240	250	5	2	Semi Mature	Good	Good	Moderate stem leans and canopy bias eastward.	3.0	20	B	Retain
G1588	Field maple, ash, Swedish whitebeam, wild cherry, horse chestnut cherry laurel	24	5	13	80	350	4	1	Semi Mature	Fair	Good	Close spaced semi mature group of mixed broadleaf trees. Several Ash trees exhibit signs of a reduction in vitality and early onset dieback.	4.2	20	B	Retain
G1602	Oak, wild cherry, goat willow, sweet chestnut, English elm	120	6	14	70	460	6	<0.5	Young to Semi Mature	Good	Good	Close spaced group of mixed broadleaf trees. Part of wider group south. Low branching. Co-dominant vegetation. Canopy suppression throughout group extents. Dieback of elm to centre of northern group boundary.	5.5	20	B	Fell/Coppice
G1603	Oak	3	16	17	1040	1150	8	1	Mature	Good	Good	Arisings from failed wild cherry within central tree canopy. Crown lift management over vehicle track.	13.8	40	A	Retain
G1605	Oak, sycamore	3	9	13	320	850	0	3	Semi Mature to Mature	Good	Fair	Third party group viewed from farm track. Growing atop drainage embankment; rooting offset south. Minor deadwood. Stem damage from flail pruning to boundary hedge.	10.2	20	B	Retain
G1614	Oak, sycamore, horse chestnut, Leyland cypress, field maple	20	4	16	100	600	0	1	Semi Mature	Good	Good	Viewed from roadside as private residential garden site. Limited visibility of trees.	7.2	20	B	Retain
G1620	Oak	31	13	19	450	670	9	1	Semi Mature to Mature	Good	Good	Close to moderate spaced group. Group suppression. Heavy reduction of lateral spread east to facilitate clearance from overhead line.	8.0	20	B	Retain
G1626	Ash, wild cherry, field maple, oak, hawthorn	80	7	13	150	330	5	2	Semi Mature	Fair	Good	Close spaced plantation group. Trees planted in linear group east to west approximately 2m spaced. Crown lift management to a height of 5m.	4.0	20	B	Retain
G1629	Oak	3	17	19	790	1100	9	3	Mature	Good	Good	Moderate spaced linear group growing along adjacent side of field embankment. Early envelopment of barbed wire to stem bases.	13.2	40	A	Retain
G1635	Common alder, ash, white willow, hazel, goat willow	24	7	16	90	840	7	<0.5	Semi Mature to Mature	Fair	Fair	Close spaced linear group of mixed broadleaf trees growing along watercourse embankment. High percentage of multi-stemmed trees. Multiple instances of historic branch tear outs and socket cavities to eastern Ash trees. Dense bramble understorey.	10.1	20	B	Coppice
G1647	Oak, sweet chestnut	56	6	13	110	460	6	1.5	Semi Mature	Good	Good	Moderate spaced small woodland group. Evidence of management within group; felled stumps to southern boundary and tree removals within group.	5.5	20	B	Retain

Ref	Species	Estimated Stems	Lower Height (m)	Upper Height (m)	Lower Stem dia. (mm)	Upper stem dia. (mm)	Crown Spread (m)	Low Crown Height (m)	Life Stage	Physiological Condition	Structural Condition	Tree Condition Notes and Observations	RPA Radius (m)	Minimum Estimated Remaining Life	BS 5837 Category	Action
G1659	Oak	13	8	17	180	940	8	1	Semi Mature to Mature	Good	Good	Moderate spaced linear group of oak trees growing along the adjacent side of field drainage embankment. Growing along northwest boundary of wider woodland area. Due to the evident drainage ditch, root areas are projected to be asymmetric.	11.3	40	A	Retain
G1671	Oak, hawthorn, Scots Pine,	33	5	14	70	300	4	<0.5	Semi Mature	Good	Good	Close spaced linear group. Evidently managed to facilitate clearance from footpath. Dense Hawthorn understorey.	3.6	20	B	Retain
G1689	Oak, common alder, crack willow	46	9	19	160	680	8	1	Semi Mature to Mature	Good	Fair	Close spaced woodland group along northern extents of wider woodland area. Bordered by field drainage line. Ground evidently significantly water holding. Group is predominantly populated by common alder. Numerous instances of partial root failure.	8.2	20	B	Retain
G1690	Lombardy poplar	8	7	15	220	370	0	3	Semi Mature	Fair	Fair	Close spaced linear group. Central two trees are dead.	4.4	20	B	Retain
G1701	Oak, wild cherry, sweet chestnut, hazel	30	7	15	120	430	7	1	Semi Mature	Fair	Good	Part of wider woodland area. Linear plantation group; tree lines north to south 2m spacing. Group suppression and boundary trees biased away from site.	5.2	20	B	Retain
G1702	Oak, Leyland cypress, silver birch	17	8	13	150	440	4	<0.5	Semi Mature	Good	Good	Close to moderate spaced group. Linear group of Leyland cypress along southern boundary. Drainage ditch embankment bordering southern and western boundary, Rooting consequently offset towards inner site.	5.3	20	B	Retain
G1710	Oak, ash, hawthorn, hazel	32	6	13	150	640	8	<0.5	Semi Mature to Mature	Fair	Good	Close spaced linear group growing along field drainage boundary. Instances of lower stem leans and arching subsequent of growing location on embankment. Frequent instances of recent crown reduction pruning to facilitate sufficient clearance from overhead line.	7.7	20	B	Retain
G1714	Oak, ash, hazel	30	8	20	100	850	9	3	Semi Mature to Mature	Good	Good	Assessed from neighbouring field with clear field of vision. Moderate spaced group. Predominantly oak trees. Group suppression and subsequent biased canopies. Minor deadwood.	10.2	20	B	Retain
G1718	Common Alder, sycamore, ash	50	9	16	200	550	0	3	Semi Mature	Fair	Fair	Moderate spaced woodland group located on saturated land. Unable to access entire site due to watercourses and bog areas. Evident recent felling management within site.	6.6	20	B	Retain
G1725	Oak, silver birch, wild cherry, Scots Pine, goat willow, English elm, hawthorn	350	3	18	70	1500	0	1	Young – Over Mature	Fair	Fair	Part of wider woodland group. Mixed native broadleaf group adjacent to public road. Veteran characteristics oak tree present on central western boundary.	18.0	40	A	Retain

Ref	Species	Estimated Stems	Lower Height (m)	Upper Height (m)	Lower Stem dia. (mm)	Upper stem dia. (mm)	Crown Spread (m)	Low Crown Height (m)	Life Stage	Physio-logical Condition	Structural Condition	Tree Condition Notes and Observations	RPA Radius (m)	Minimum Estimated Remaining Life	BS 5837 Category	Action
G1732	Common alder, ash, crack willow, hazel, holly	175	6	24	70	990	9	1	Mature - Semi-Mat	Fair	Fair	Close to moderate spaced woodland group. Watercourse runs through centre of site and ground conditions are evidently saturated in numerous areas. Consequently, common alder trees make up the majority of the vegetation population. All ash trees exhibit dieback to some extent.	11.9	20	B	Retain
G1734	Common alder, sycamore, ash	50	9	16	200	550	0	3	Semi Mature	Fair	Fair	Moderately spaced woodland group located on saturated land. Unable to access entire site due to watercourses and bog areas. Evident recent felling management within site.	6.6	20	B	Retain
G1743	Ash, field maple, horse chestnut, goat willow, hawthorn	30	7	13	70	360	0		Young to Semi-Mature	Fair	Fair	Closely spaced group. Signs of early decline of ash trees; possible ash dieback disease.	4.3	20	B	Retain
G1751	Common alder, oak, goat willow	26	18	22	260	860	9	2	Mature	Good	Fair	Linear group along southern boundary. Predominantly Common Alder trees. Slight stem leans and biased canopies south throughout group. Willow has substantial basal cavity and evident decay.	10.3	20	B	Retain
G1752	Oak	3	9	22	300	680	9	2	Semi Mature to Mature	Good	Good	Closely spaced group. Shared and acclimatised canopy space; subsequent unbalanced individual canopies.	8.2	20	B	Retain
G1754	Wych elm	3	15	16	320	440	0	2	Semi Mature	Fair	Good	Close spaced linear group. Central tree trifurcates at ground level. Eastern tree bifurcates at ground level. Moderate deadwood.	5.3	20	B	Retain
G1759	Goat willow, holly, hazel, alder	70	4	12	70	500	0	2	Semi Mature to Early Mature			Dense group. Boggy ground.	6.0		B	Retain
G1762	Oak, white willow, goat willow, common alder, hazel	40	6	24	100	590	7	2	Semi Mature	Good	Fair	Moderate spaced group bordering younger woodland plantation south. Several instances of historic tree failures due to saturated ground conditions and associated root plate instability. Processed arisings within group from previous tree failures.	7.1	20	B	Retain
G1763	Oak, field maple, ash, hazel, holly,	58	6	20	90	990	10	<0.5	Semi Mature to Mature	Fair	Fair	Close spaced linear group of mixed broadleaf species. Low branching. Basal cavities evident on numerous mature multi-stemmed trees with associated internal decay. Moderate instances of deadwood. High percentage of multi-stemmed trees.	11.9	20	B	Retain
G1767	Oak, western hemlock, Douglas fir	125	11	15	120	370	5	2	Semi Mature	Good	Good	Close spaced group. Part of wider woodland area. Almost entirely populated by oak trees with scattered self-set conifer trees within group.	4.4	20	B	Retain

Ref	Species	Estimated Stems	Lower Height (m)	Upper Height (m)	Lower Stem dia. (mm)	Upper stem dia. (mm)	Crown Spread (m)	Low Crown Height (m)	Life Stage	Physio-logical Condition	Structural Condition	Tree Condition Notes and Observations	RPA Radius (m)	Minimum Estimated Remaining Life	BS 5837 Category	Action
G1773	Common lime, Japanese cherry	11	5	8	180	450	3	1	Semi Mature	Good	Good	Avenue of semi mature trees planted along site access road. Managed to good arboricultural standard.	5.4	20	B	Retain
G1776	Common alder	44	7	17	200	480	0	4	Semi Mature	Good	Fair	Close spaced group between fence boundary and watercourse. Group suppression and unbalanced canopies. Light to moderate ivy cover.	5.8	20	B	Retain
G1777	Beech, hybrid poplar, horse chestnut, Japanese cherry, silver birch	12	7	24	300	850	7	1	Semi Mature to Mature	Good	Good	Close spaced group. Large Hybrid Poplars located along boundary adjacent to open field and power lines. Signs of previous pruning management. Central beech exhibits stem damage and fungal fruiting bodies.	10.2	20	B	Retain
G1779	Common alder, ash, goat willow, crack willow	75	5	15	70	540	0	2	Young to Semi Mature	Fair	Fair	Moderate to widely spaced group. Light to moderate ivy cover. Canopy reduced over field boundary.	6.5	20	B	Retain
G1785	Oak, field maple, hawthorn	13	6	14	130	510	6	<0.5	Semi Mature	Good	Good	Close spaced group. Light to moderate ivy cover throughout group.	6.1	40	A	Retain
G1787	English elm, oak, field maple, crack willow, Italian alder, wild cherry, aspen	90	5	16	70	460	6	<0.5	Young to Semi-Mature	Good	Fair	Close spaced group of young to semi mature mixed broadleaf trees. Growing between single track public highway and agricultural field.	5.5	20	B	Retain
G1791	Oak, ash, goat willow, hawthorn, field maple	41	6	14	70	450	6	<0.5	Young to Semi Mature	Fair	Fair	Group of trees located within fenced off area around pond. Growing below overhead line. Several dead semi mature trees within group centre. Signs of previous crown reduction pruning south.	5.4	20	B	Coppice
G1792	English elm	8	15	17	150	810	10	4	Mature	Fair	Fair	Moderate spaced linear group of semi-mature to mature English elm trees. Majority of group multi-stemmed from base. Largest tree to north has 4 leaders from 1m.	9.7	10+	B	Retain
G1794	Common alder	35	12	17	100	600	0	4	Semi Mature to Mature	Good	Fair	Part of wider woodland group. Evident management and selective felling throughout site.	7.2	20	B	Retain
G1796	Common alder, oak	100	11	17	150	720	0	3	Semi Mature to Mature	Good	Fair	Close spaced group. Common alder is the dominant species. Previous crown lift and reduction pruning.	8.6	20	B	Retain
G1799	Oak, field maple, bird cherry, oak	39	8	14	130	460	8	<0.5	Semi Mature	Fair	Fair	Group growing from embankment approx. 5m tall. Close spaced group. Ground conditions are evidently sand covered. Site is 9m south of quarried sand bank. Low branching. Canopy suppression throughout group. Eastern group is populated by oak only.	5.5	20	B	Retain

Ref	Species	Estimated Stems	Lower Height (m)	Upper Height (m)	Lower Stem dia. (mm)	Upper stem dia. (mm)	Crown Spread (m)	Low Crown Height (m)	Life Stage	Physiological Condition	Structural Condition	Tree Condition Notes and Observations	RPA Radius (m)	Minimum Estimated Remaining Life	BS 5837 Category	Action
G1803	Ash, English elm, oak, hawthorn, field maple	150	5	20	70	860	7	<0.5	Young to Mature	Fair	Fair	Close spaced woodland group. Crown reduction pruning previously undertaken to boundary trees adjacent to overhead line. Ash tree population approximately 50% of group; trees exhibit signs of slight reduction in vitality and twig dieback, indicative of possible early onset of ash dieback disease.	10.3	20	B	Retain
G1804	Ash, English elm, oak, poplar, alder, hawthorn, elder, field maple	200	7	17	70	480	6	<0.5	Young to Semi Mature	Fair	Fair	Close spaced woodland group. Crown reduction pruning previously undertaken to boundary trees adjacent to overhead line. Southern area of group has a large ash population; trees exhibit signs of slight reduction in vitality and twig dieback, indicative of early onset ash dieback disease.	5.8	20	B	Retain
G1808	Ash, oak	40	6	17	210	580	0	3	Semi Mature	Fair	Fair	Close spaced group. Predominantly populated by ash trees. Signs of a reduction in vitality and early dieback. Group suppression and unbalanced crown spreads.	7.0	20	B	Retain
G1809	Ash, English elm, oak, hawthorn, elder, field maple	60	6	22	70	490	9	1	Young to Mature	Fair	Fair	Part of wider woodland group, divided by drainage embankment. Close spaced group. Neighbouring suppression of canopies throughout group. Signs of minor dieback of several ash tree canopies within woodland, indicative of early onset ash dieback.	5.9	20	B	Retain
G1818	Oak, sycamore, ash, goat willow, hawthorn	50	8	14	200	600	12	4	Semi Mature to Early Mature	Good	Good	Good aesthetic value. No significant defects noted.	7.2	40	B	Fell
G1822	Oak, ash, horse chestnut, sycamore, Douglas fir, beech	70	6	18	200	800	0	3	Semi Mature to Mature	Good	Good	Viewed from neighbouring agricultural fields. Tree felling undertaken at time of survey. Unclear extent of removals.	9.6	20	B	Retain
G1834	Horse chestnut, field maple	5	6	10	280	470	0	4	Semi Mature	Fair	Good	Crown reduction management throughout group.	5.6	20	B	Retain
G1835	Oak, ash, wild cherry, goat willow, field maple, beech	45	5	15	100	950	0	3	Semi Mature to Mature	Good	Good	Viewed from neighbouring field; trees located within residential boundary. Evident crown lift and reduction management.	11.4	20	B	Retain

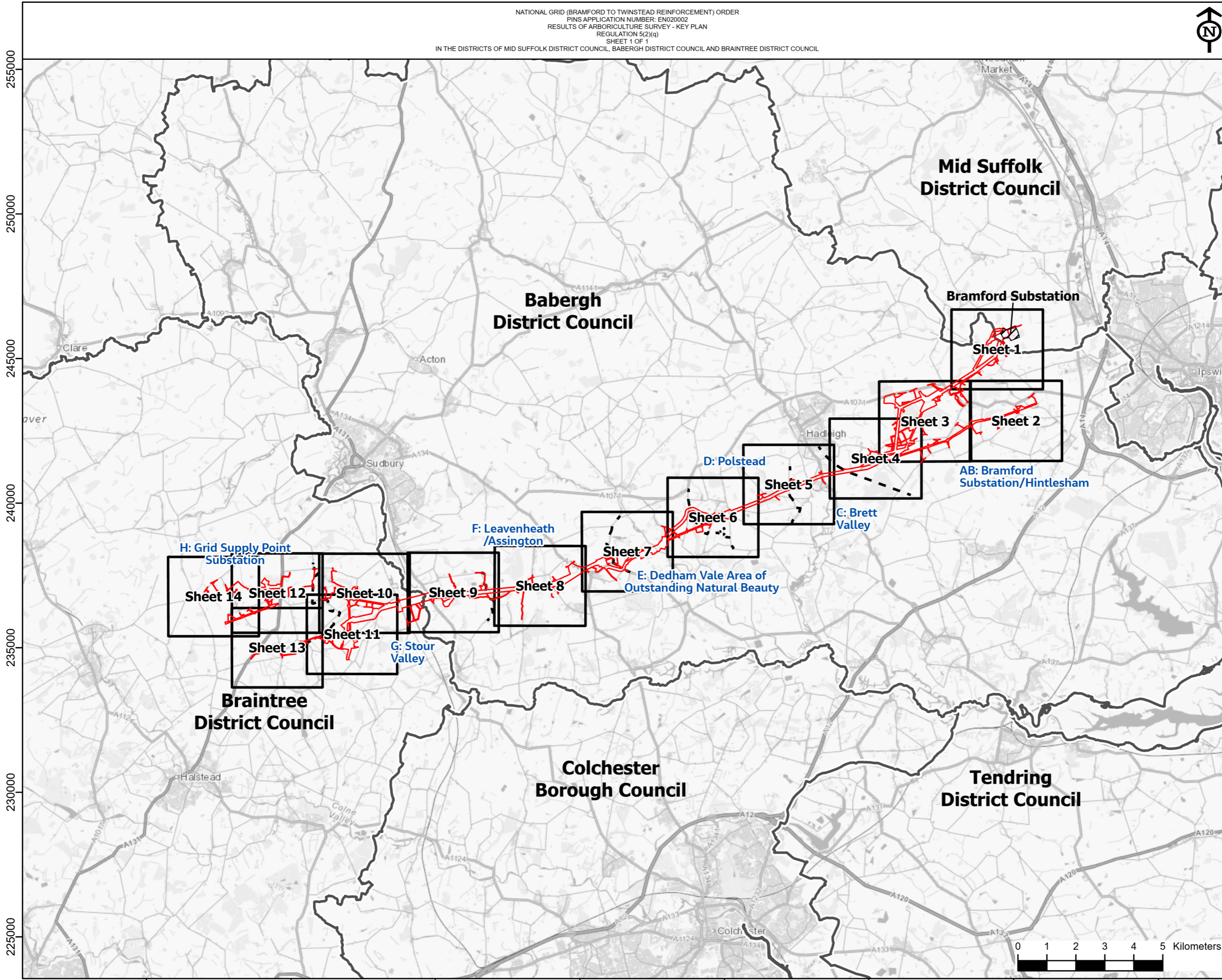
Figure 1: Results of Arboriculture Survey



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Legend

- Section boundaries
- Order Limits
- ▭ Local authority districts
- ▨ Existing Bramford Substation



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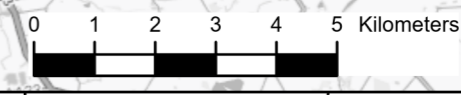


TITLE: Figure 1
 Results of Arboriculture Survey - Key Plan

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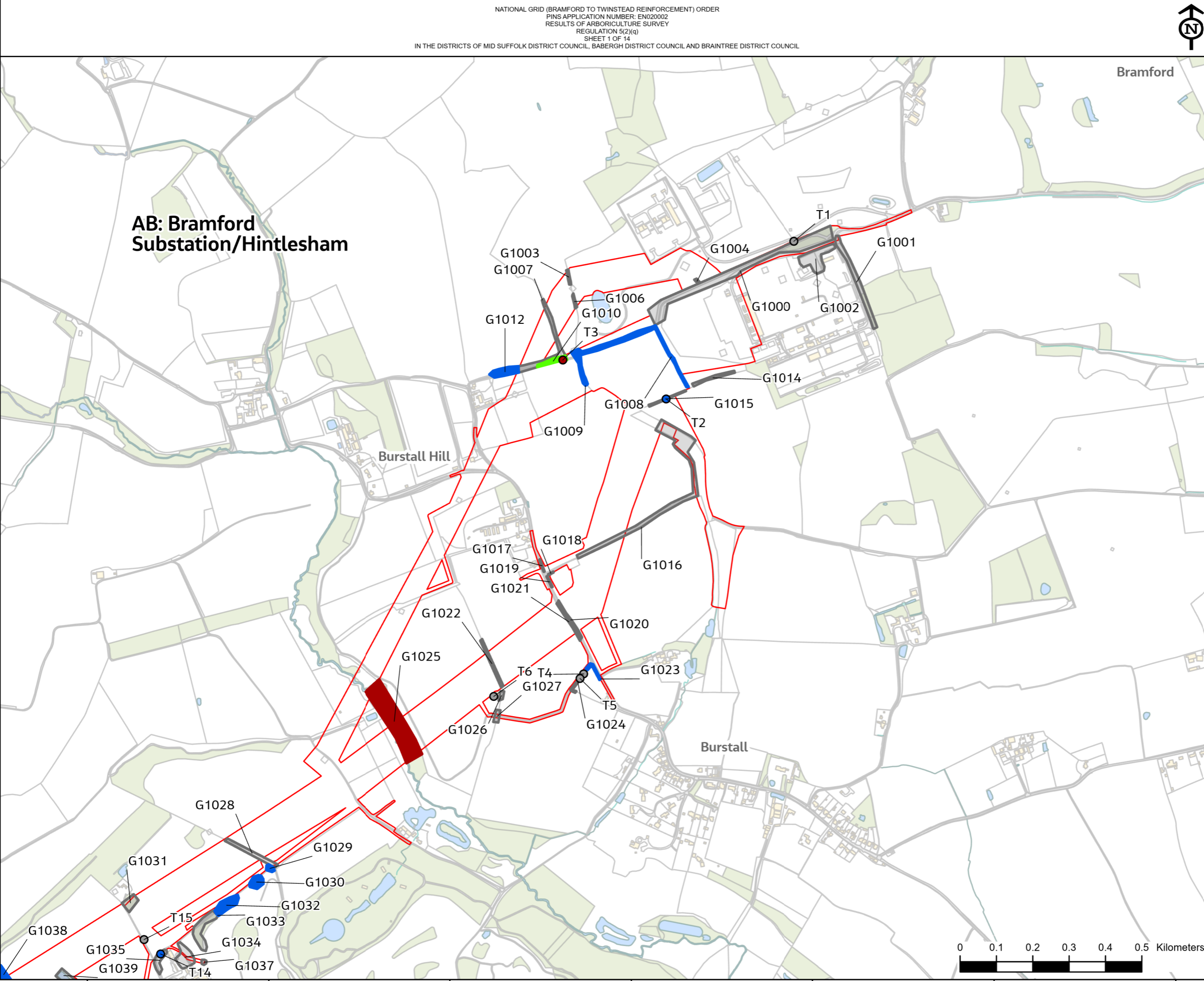
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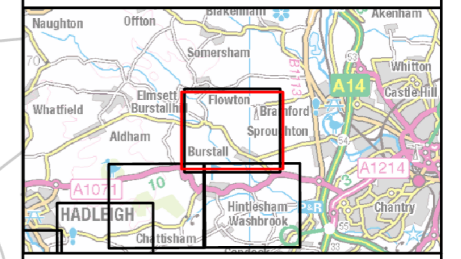


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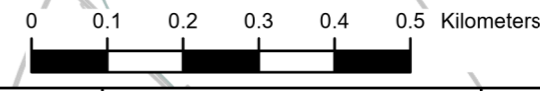
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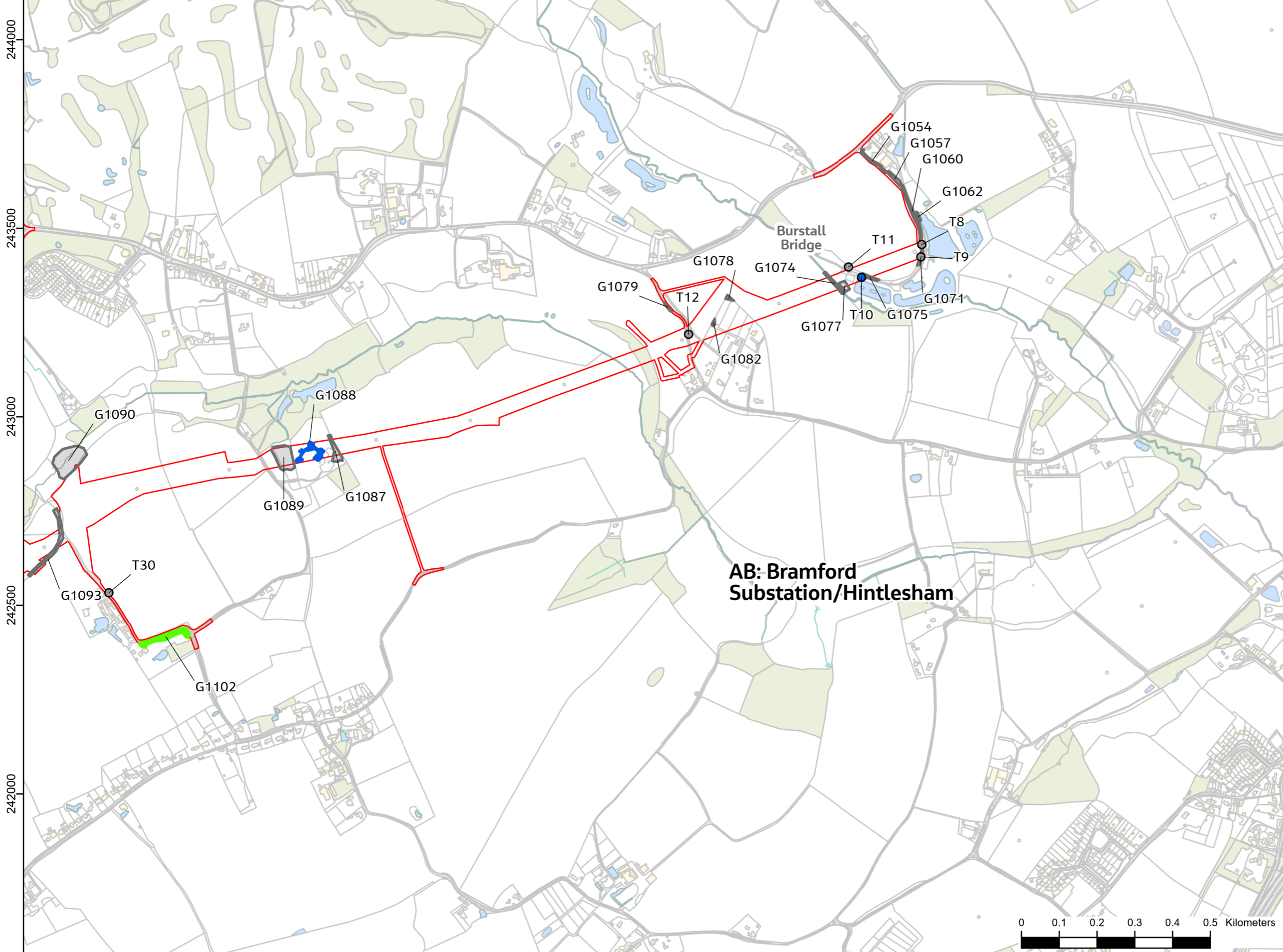
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 Results of Arboriculture Survey

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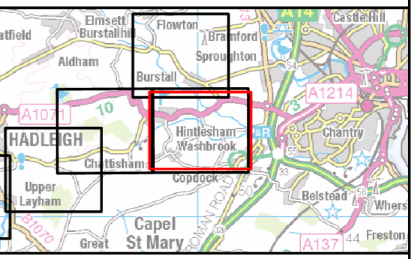




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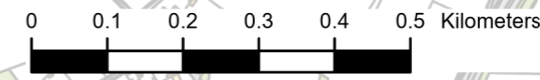
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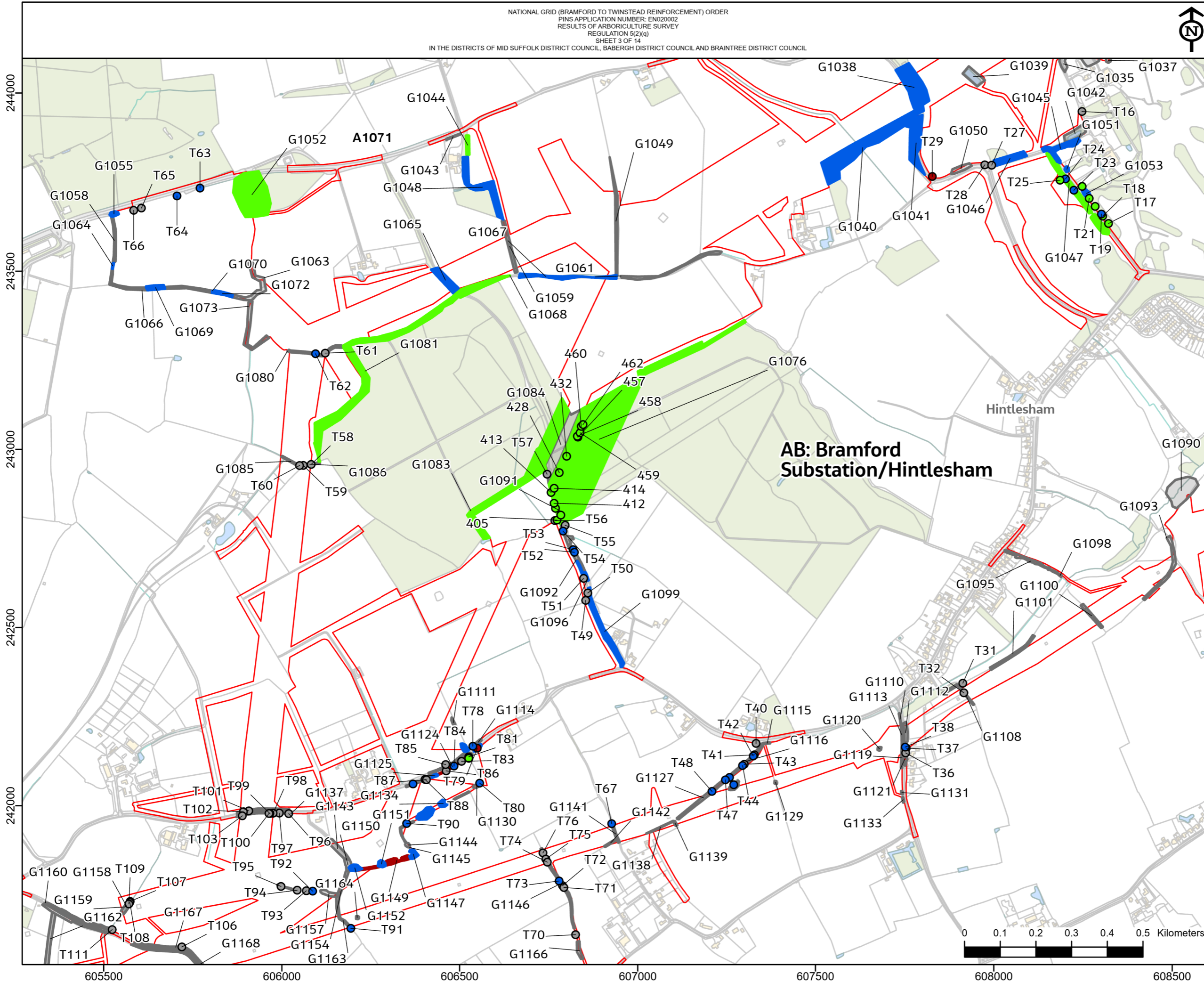
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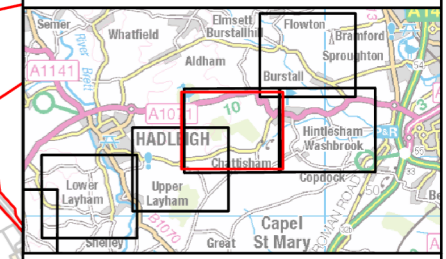




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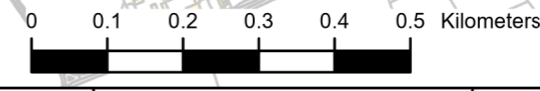
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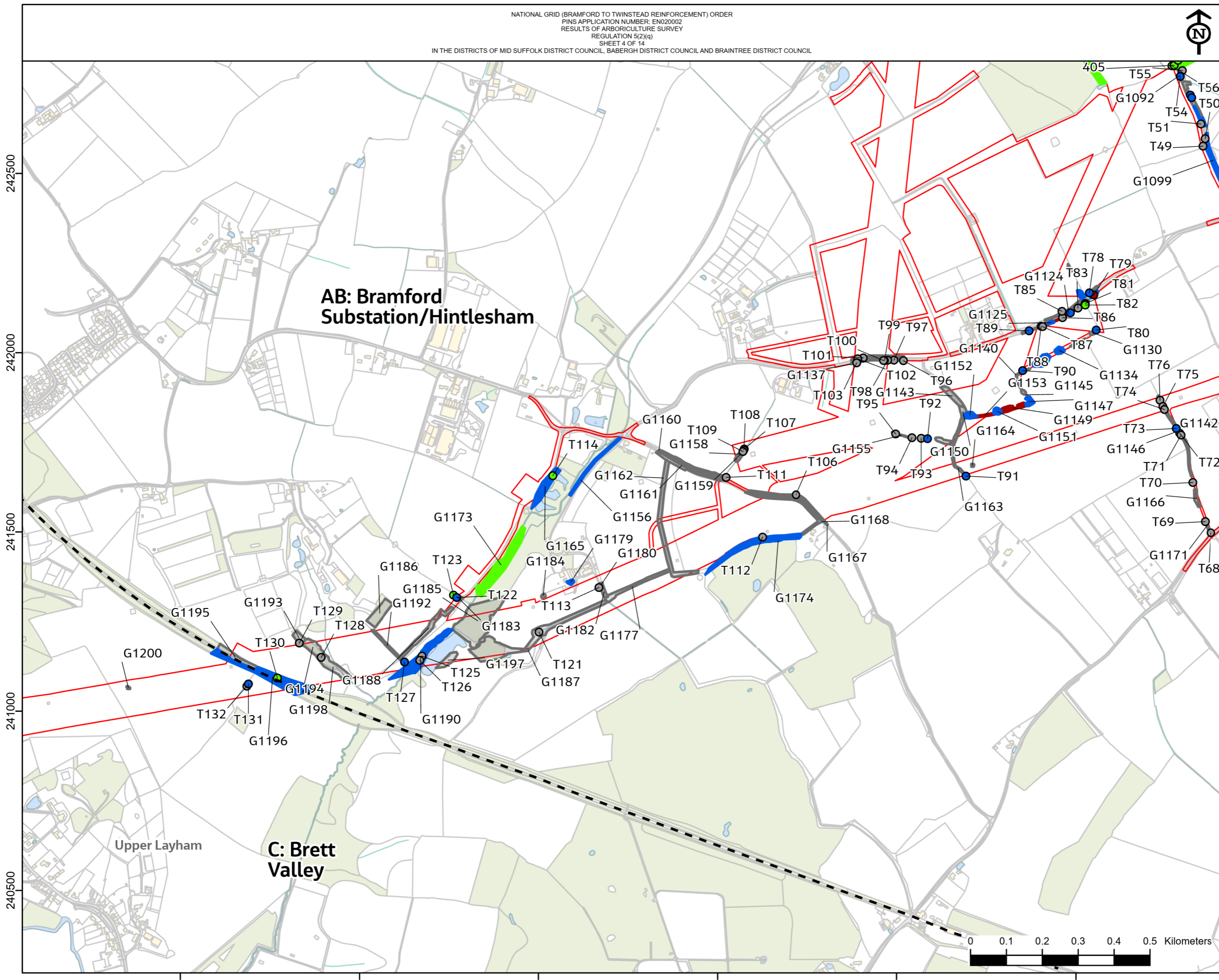
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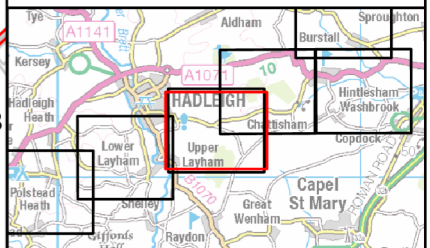
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TITLE: **Figure 1 Results of Arboriculture Survey**

CIRCUIT / SITE: **Bramford – Pelham & Bramford – Braintree – Bulls Lodge** **GIS**

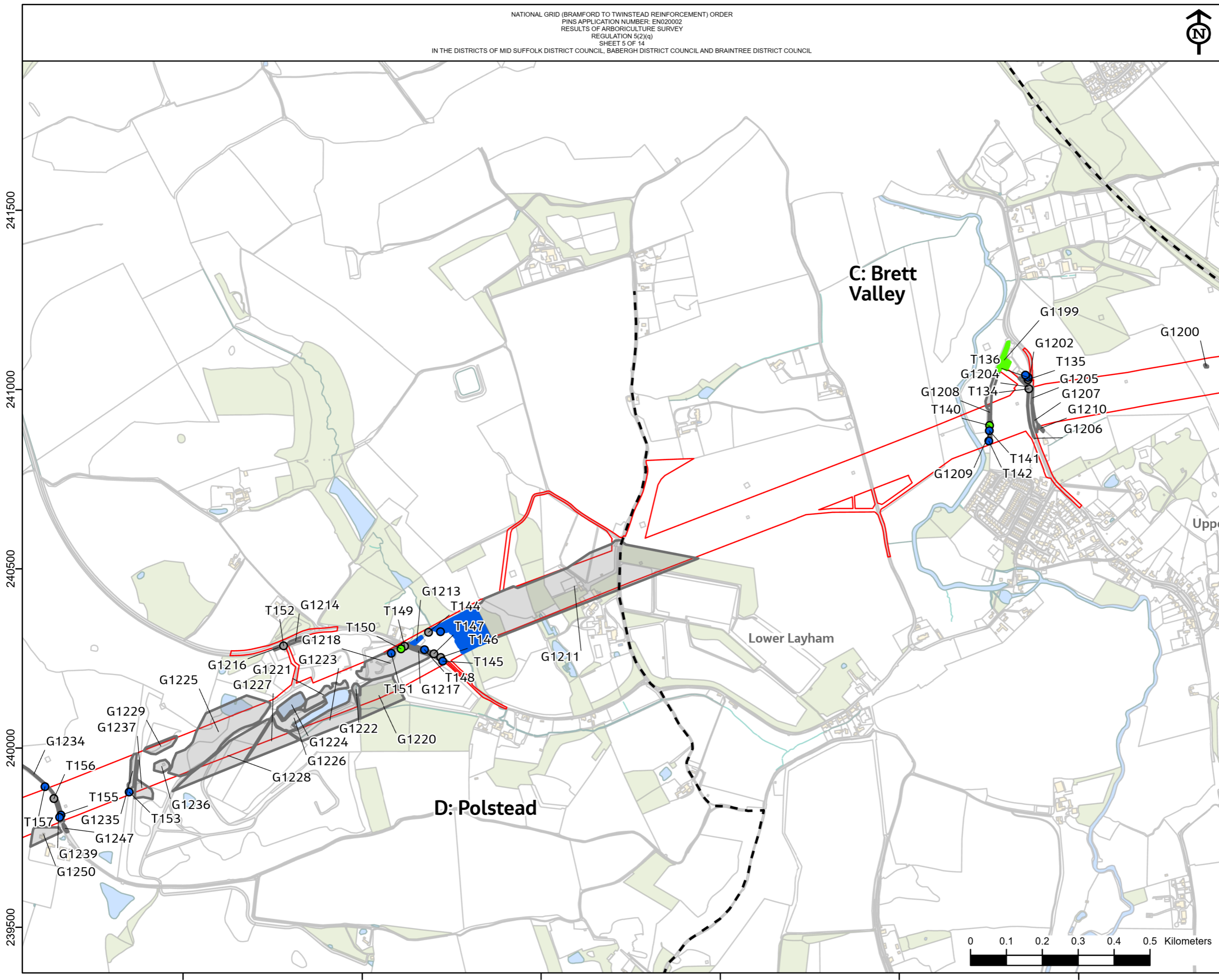
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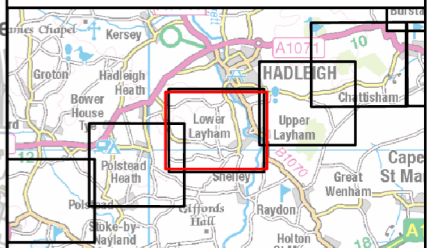
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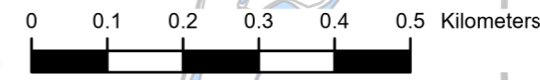


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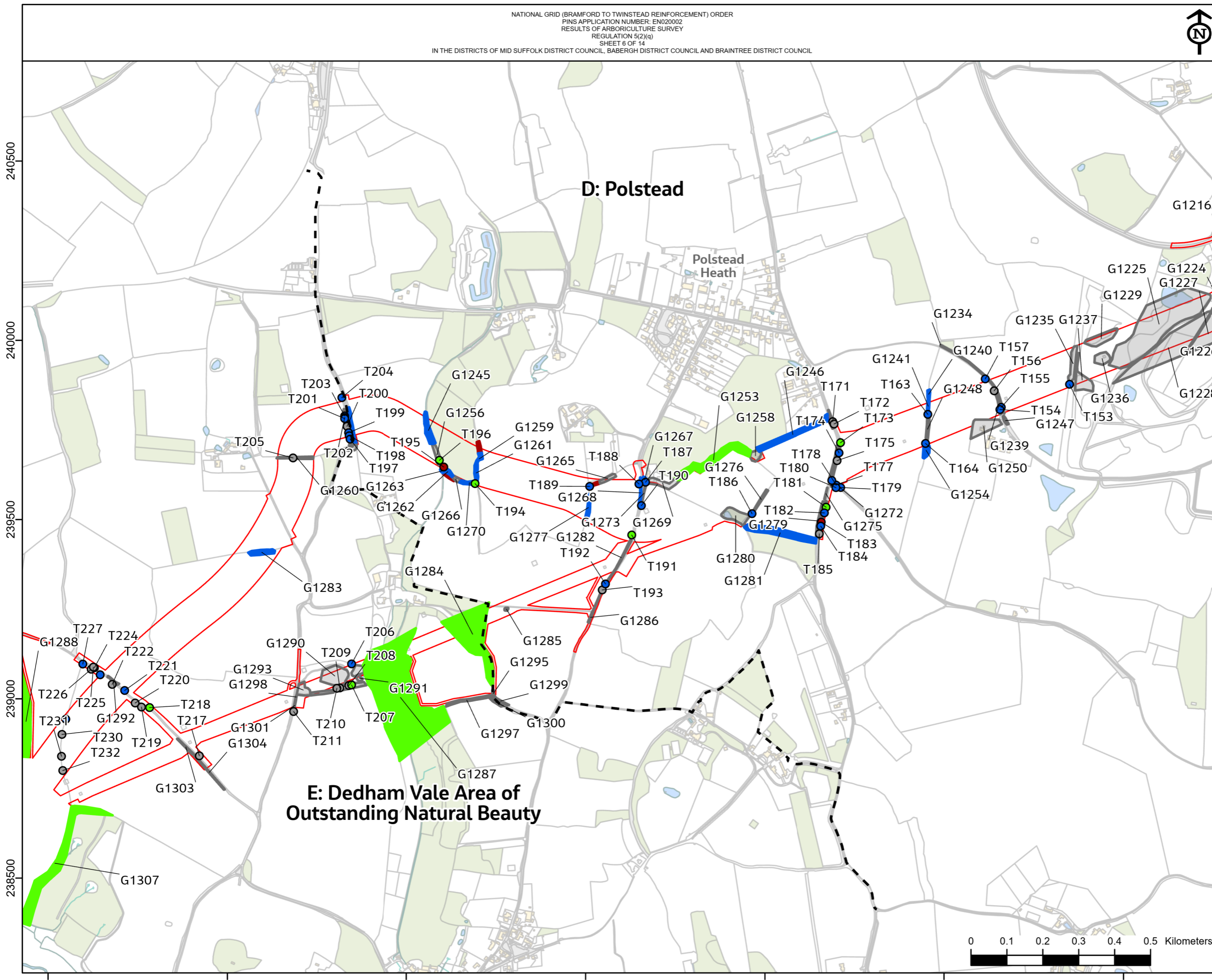
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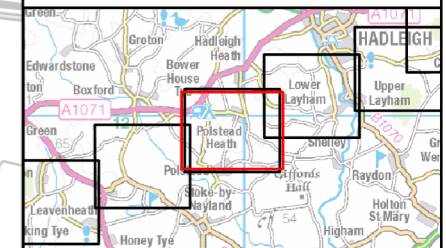




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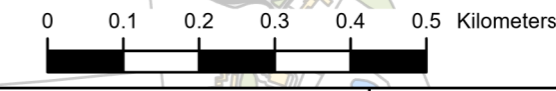
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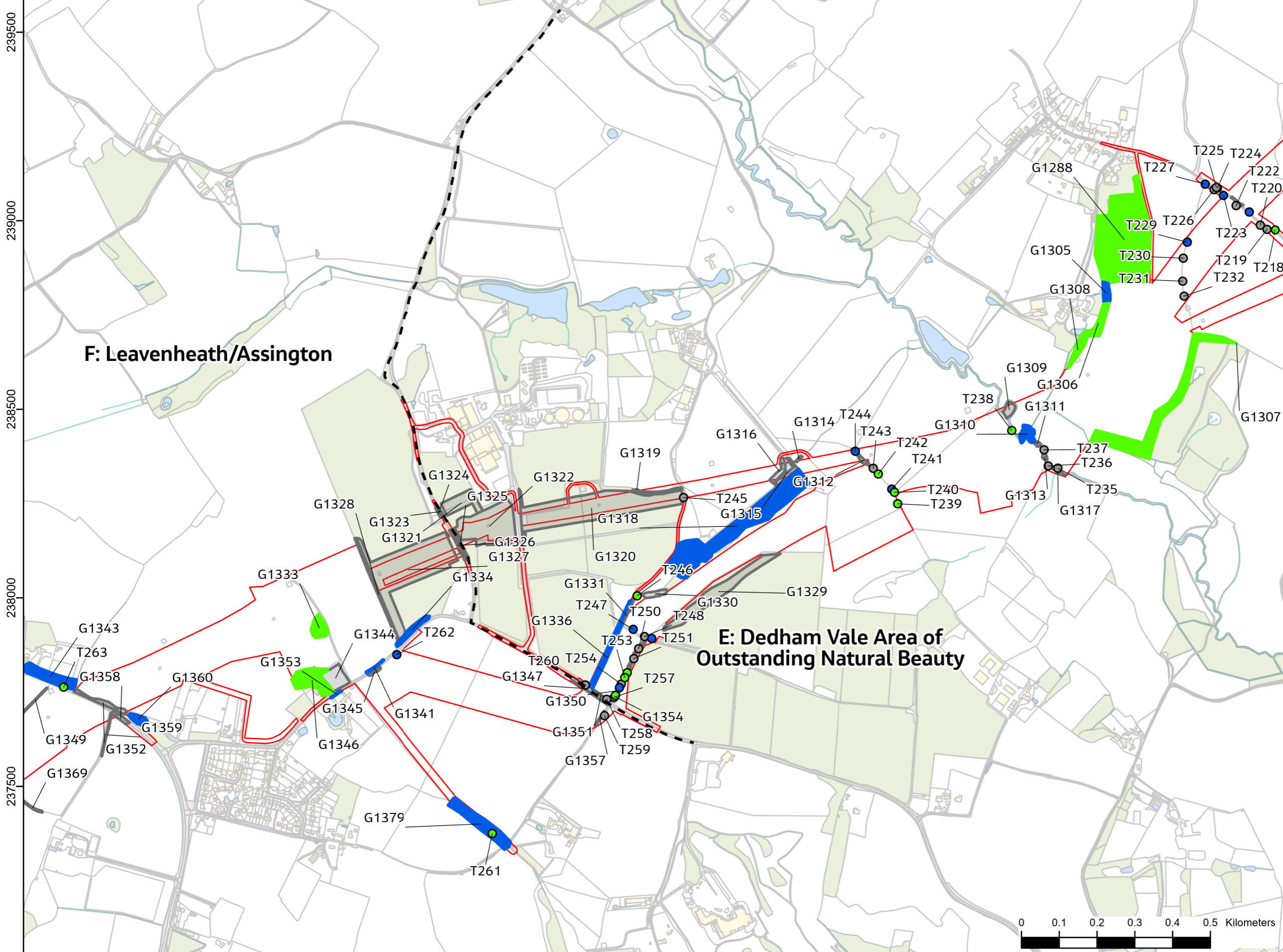
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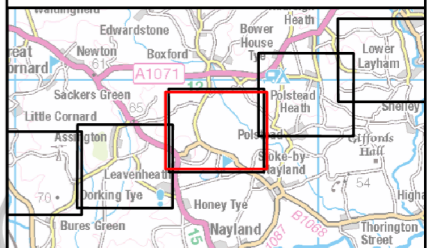




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- Section boundaries
- Order Limits
- Arboriculture survey**
- Trees (BS5837 category)
- A
- B
- C
- Groups (BS5837 category)
- A
- B
- C



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A	03/2023	Rev A for DCO Application	PM	EB	CW
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PROJECT: **Bramford to Twinstead Reinforcement**

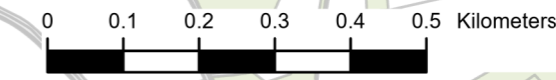


TITLE: **Figure 1 Results of Arboriculture Survey**

CIRCUIT / SITE: **Bramford – Pelham & Bramford – Braintree – Bulls Lodge** GIS

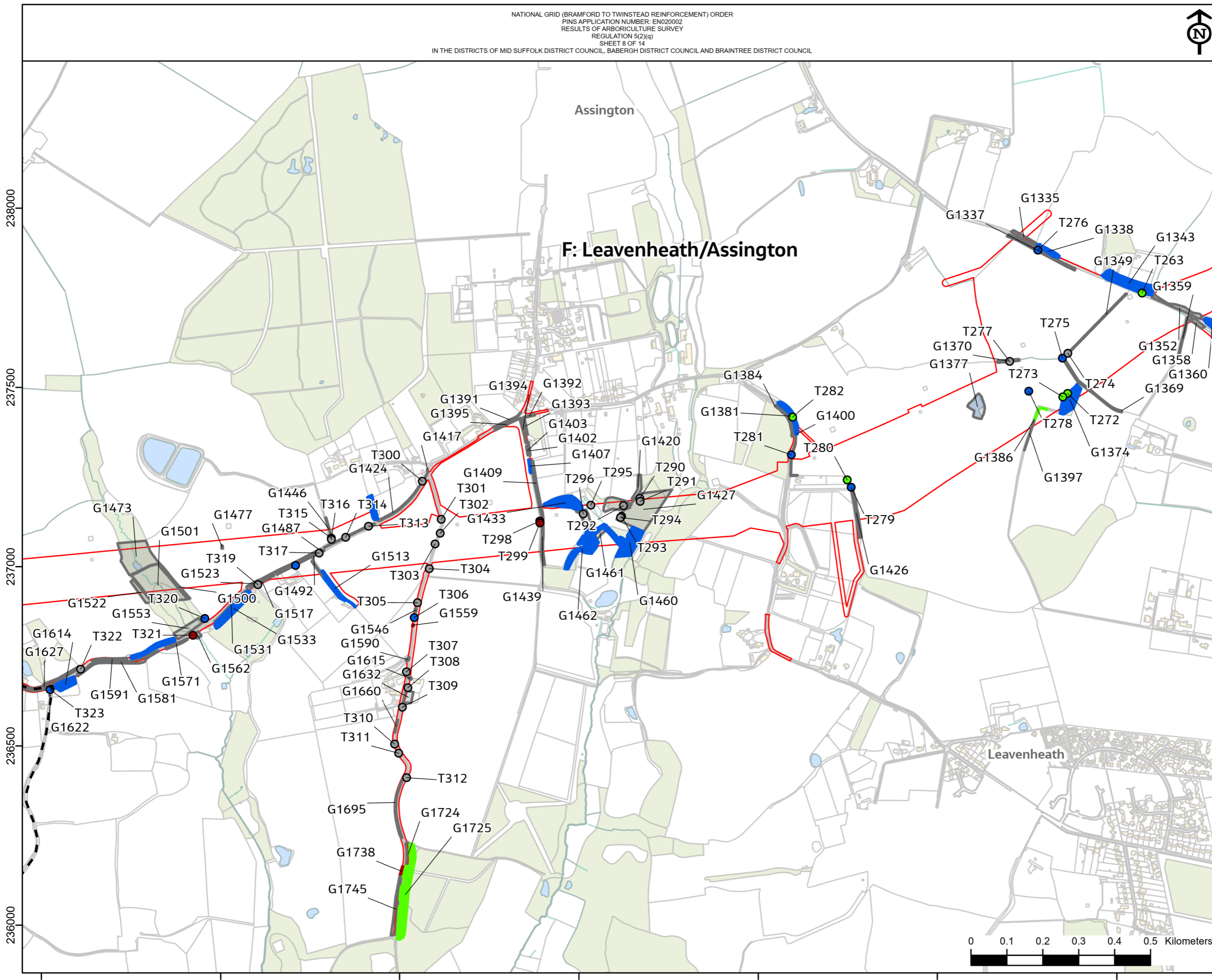
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NG DRAWING No. BT-JAC-020631-500-0094	SHEET NO. 7	NO. OF SHEETS 14	ISSUE: A
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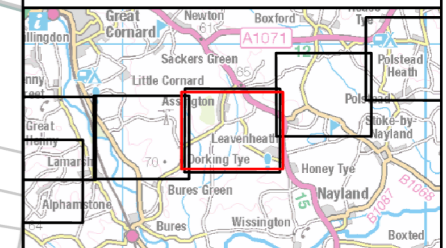


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F: Leavenheath/Assington

- Section boundaries
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- Trees (BS5837 category)
- A
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A	03/2023	Rev A for DCO Application	PM	EB	CW
ISSUE	DATE	REMARKS	DRWN	CHKD	APPD

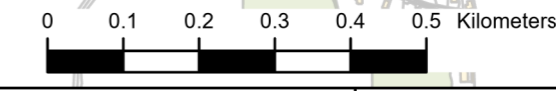
PROJECT: **Bramford to Twinstead Reinforcement**



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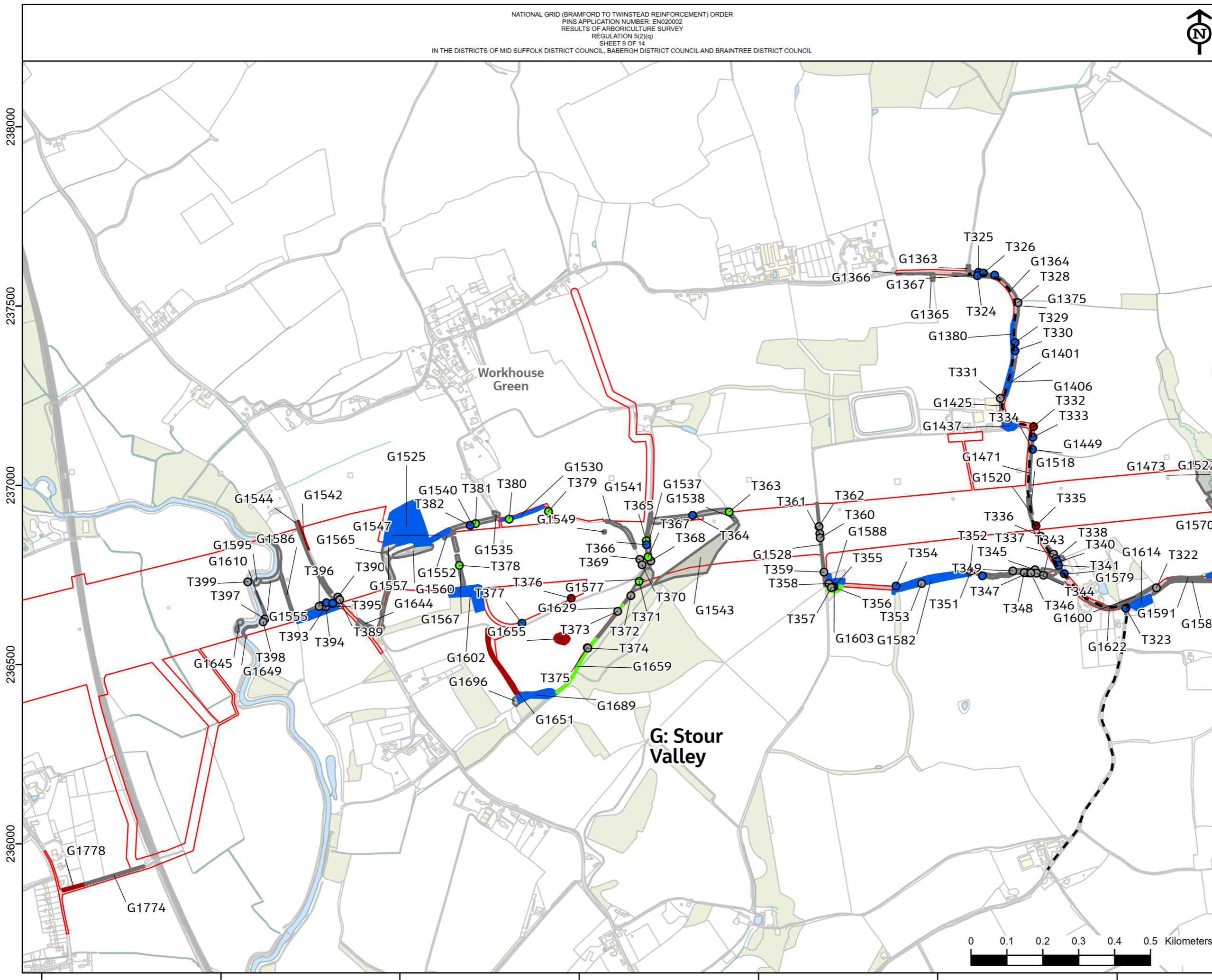
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ORIGINATOR DRAWING NO.	AAA_BTT_ArboriculturalImpactSurvey_Fig1_Rev0	A3

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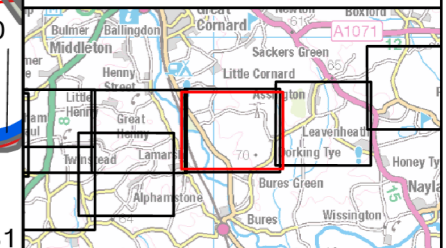




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A	03/2023	Rev A for DCO Application	PM	EB	CW
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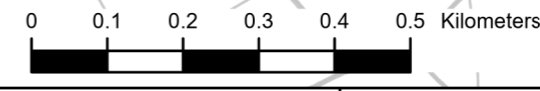
PROJECT: **Bramford to Twinstead Reinforcement**

nationalgrid

TITLE: **Figure 1
Results of Arboriculture Survey**

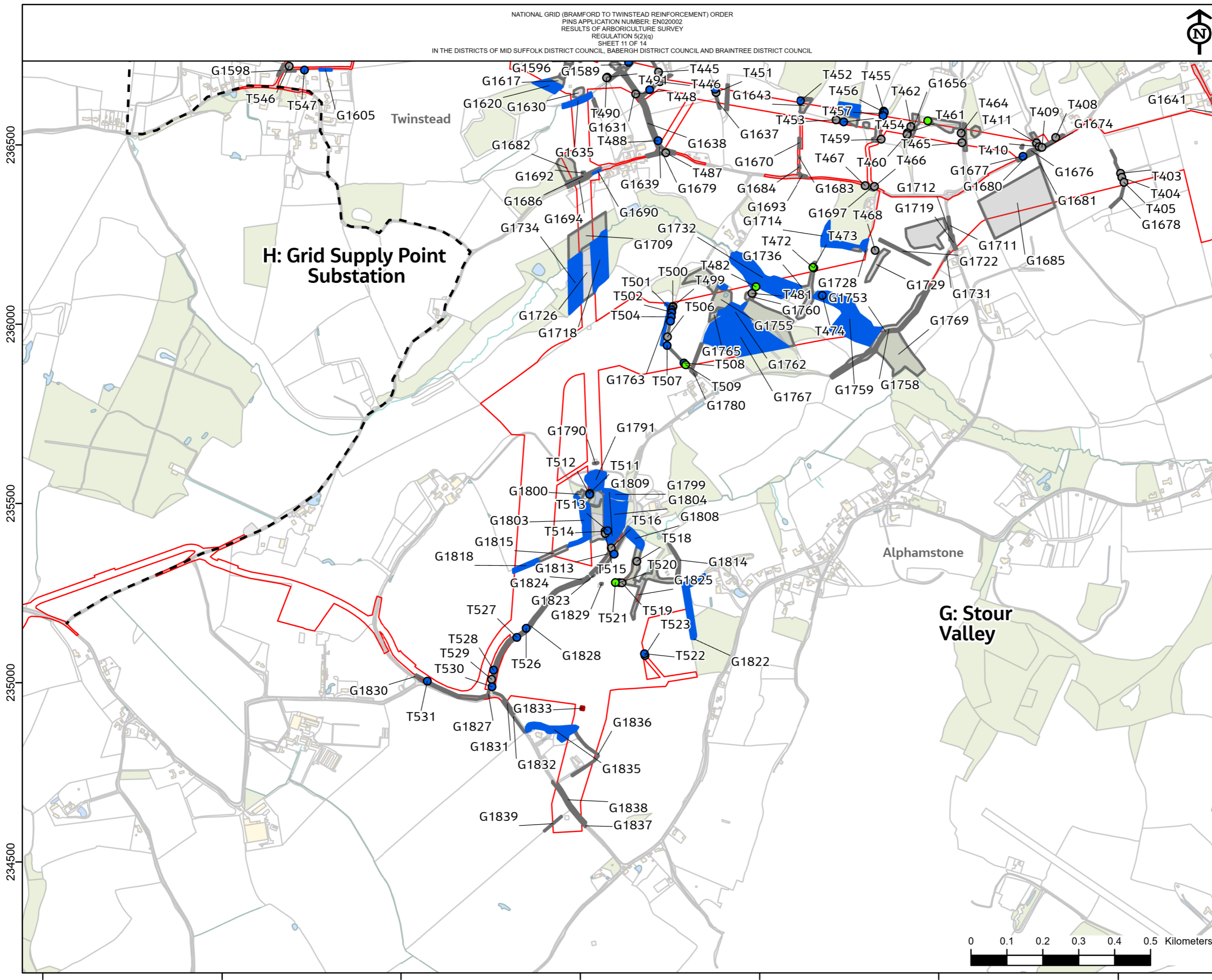
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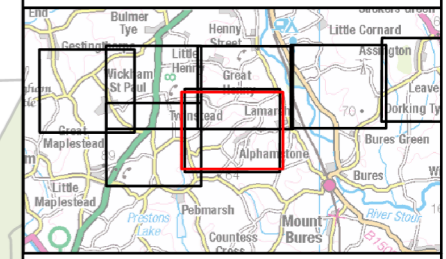




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- Section boundaries
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A	03/2023	Rev A for DCO Application	PM	EB	CW
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PROJECT: **Bramford to Twinstead Reinforcement**



TITLE: **Figure 1 Results of Arboriculture Survey**

CIRCUIT / SITE: **Bramford – Pelham & Bramford – Braintree – Bulls Lodge** GIS

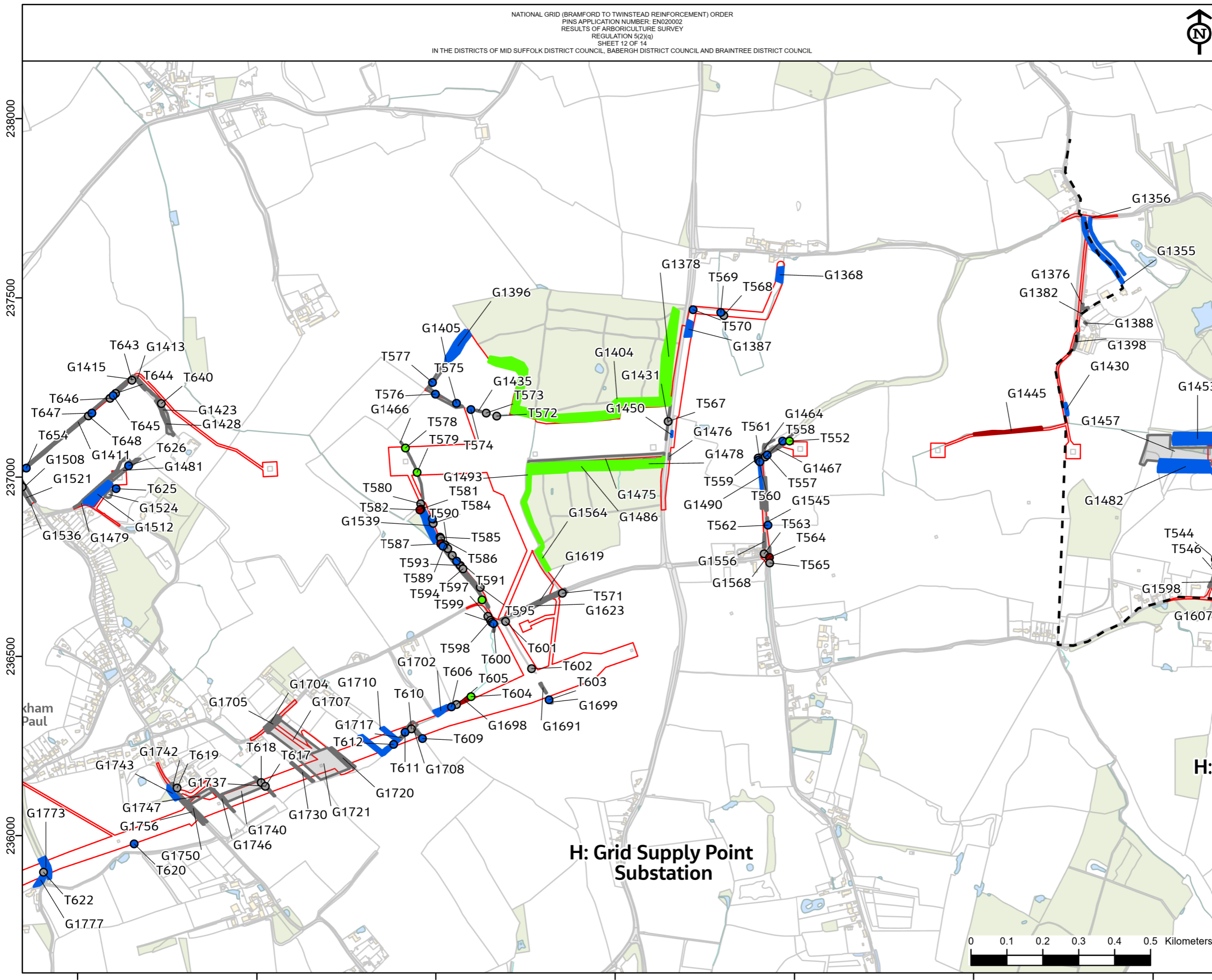
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NG DRAWING No. BT-JAC-020631-500-0094	SHEET NO. 11	NO. OF SHEETS 14	ISSUE: A
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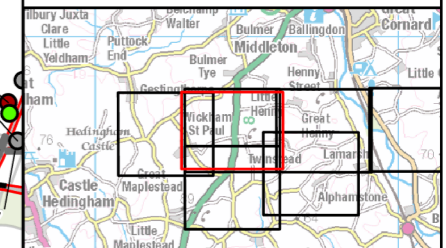




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- Section boundaries
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A	03/2023	Rev A for DCO Application	PM	EB	CW
ISSUE	DATE	REMARKS	DRWN	CHKD	APPD

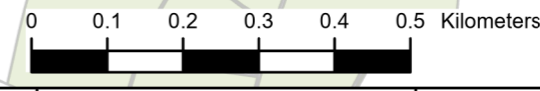
PROJECT: Bramford to Twinstead Reinforcement



TITLE: Figure 1
 Results of Arboriculture Survey

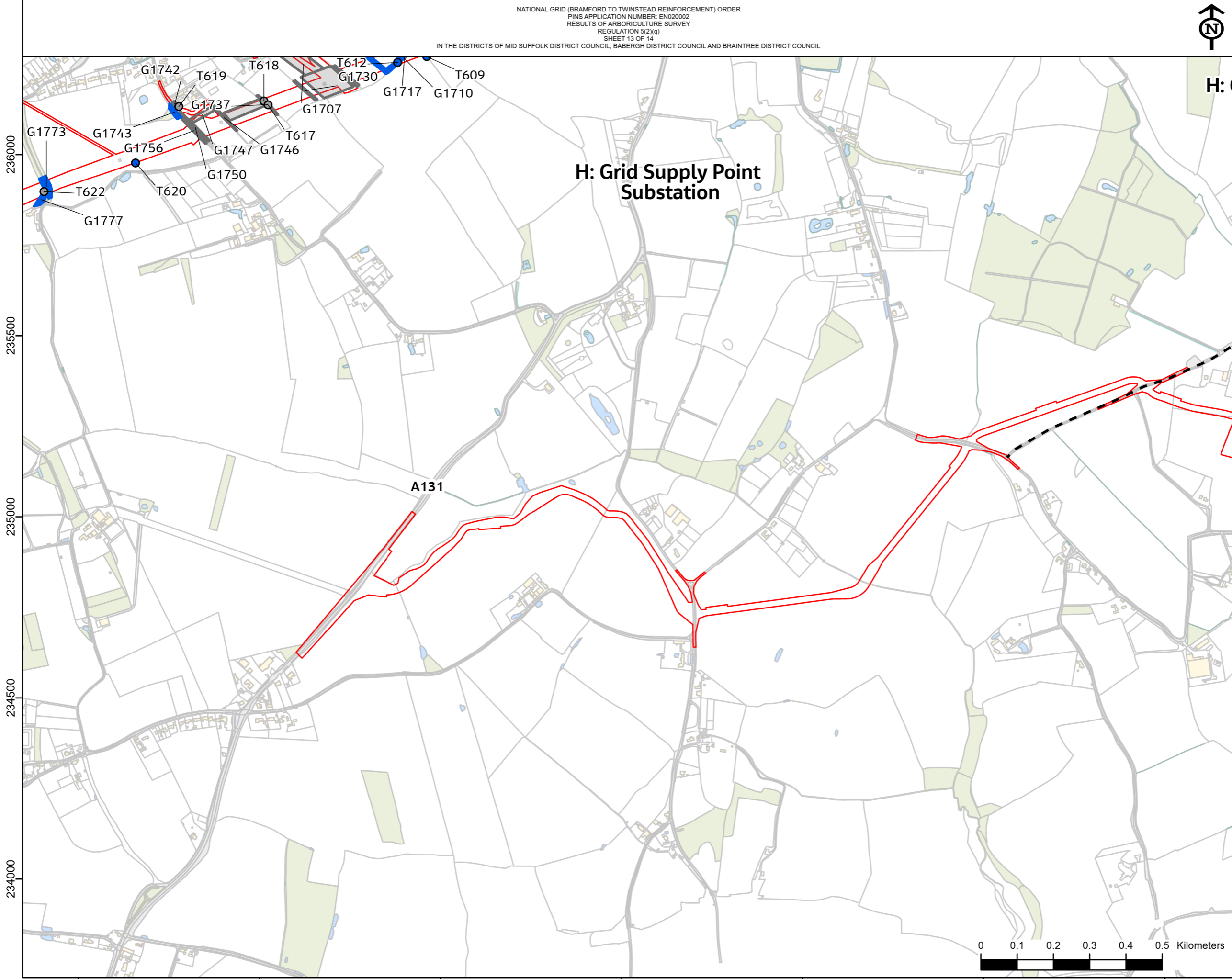
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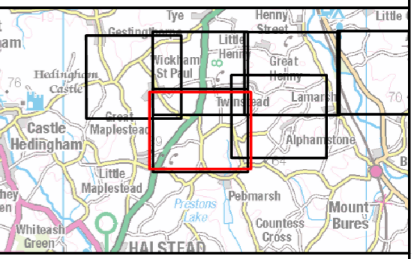




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- Section boundaries
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- Trees (BS5837 category)
- B
- C
- Groups (BS5837 category)
- B
- C



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A	03/2023	Rev A for DCO Application	PM	EB	CW
ISSUE	DATE	REMARKS	DRWN	CHKD	APPD

PROJECT: Bramford to Twinstead Reinforcement

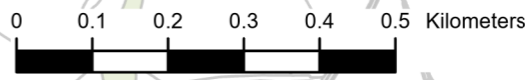


TITLE: Figure 1
 Results of Arboriculture Survey

CIRCUIT / SITE: Bramford – Pelham & Bramford – Braintree – Bulls Lodge GIS

ORIGINATOR DRAWING NO. AAA_BTT_ArboricultureImpactSurvey_Fig1_Rev0 A3

NG DRAWING No. BT-JAC-020631-500-0094 SHEET NO. 13 NO. OF SHEETS 14 ISSUE: A





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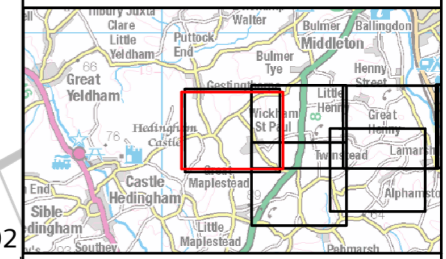
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- Section boundaries
- Order Limits
- Arboriculture survey**
- Trees (BS5837 category)
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- Groups (BS5837 category)
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- C

**H: Grid Supply Point
 Substation**

**Wickham
 St Paul**



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A	03/2023	Rev A for DCO Application	PM	EB	CW
ISSUE	DATE	REMARKS	DRWN	CHKD	APPD

PROJECT: **Bramford to Twinstead
 Reinforcement**

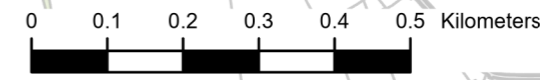


TITLE: **Figure 1
 Results of Arboriculture Survey**

CIRCUIT / SITE: **Bramford – Pelham & Bramford
 – Braintree – Bulls Lodge** GIS

ORIGINATOR DRAWING NO. **AAA_BTT_ArbiculturalImpactSurvey_Fig1_Rev0** A3

NG DRAWING No. BT-JAC-020631-500-0094	SHEET NO. 14	NO. OF SHEETS 14	ISSUE: A
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