

M3 Junction 9 Improvement

Scheme Number: TR010055

6.3 Environmental Statement Appendix 7.5 - Preliminary Arboricultural Impact Assessment

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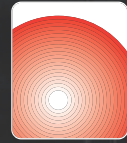
M3 Junction 9 Improvement
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6.3 ENVIRONMENTAL STATEMENT- APPENDIX 7.5: PRELIMINARY ARBORICULTURAL IMPACT ASSESSMENT
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select surveys



M3, JUNCTION 9, IMPROVEMENT SCHEME
ARBORICULTURAL IMPACT ASSESSMENT

Report No: HE551511-VFK-VTO-E-M3SB_XX-RP-VT-0004

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**M3, JUNCTION 9,
IMPROVEMENT SCHEME**

**ARBORICULTURAL IMPACT
ASSESSMENT**

A Report to: Select Surveys

Report No: HE551511-VFK-VTO-E-M3SB_XX-RP-
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RT-MME-153202

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REPORT VERIFICATION

This study has been undertaken in accordance with British Standard 5837:2012 “Trees in Relation to Design, Demolition and Construction - Recommendations”.

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DISCLAIMER

The contents of this report are the responsibility of Middlemarch Environmental Ltd. It should be noted that, whilst every effort is made to meet the client’s brief, no site investigation can ensure complete assessment or prediction of the natural environment.

Middlemarch Environmental Ltd accepts no responsibility or liability for any use that is made of this document other than by the client for the purposes for which it was originally commissioned and prepared.

VALIDITY OF DATA

The findings of this study are based upon the survey data produced as part of the Preliminary Arboricultural Assessment which is valid for a period of 12 months from the date of survey. If a planning application has not been submitted by this date, an updated site visit should be carried out by a suitably qualified and experienced arboriculturist to assess any changes to the trees and hedgerows on site to inform a review of the conclusions and recommendations made.

It should be noted that trees are dynamic living organisms that are subject to natural changes as they age or are influenced by changes in their environment. As such, following any significant meteorological event or changes in the growing environment of the trees they should be re-assessed by a suitably qualified and experienced arboriculturist.

This Arboricultural Impact Assessment has been produced following a review of a proposed development layout for the site based on data provided by the client. Should the development proposals change, this report will need to be updated to assess the impact of the amended development.

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1. INTRODUCTION

1.1 PROJECT BACKGROUND

Middlemarch Environmental Ltd were commissioned by Select Surveys to undertake an Arboricultural Impact Assessment as part of an outline planning application for improvement works to a section of the M3 motorway in and around Junction 9 (Winchester). A survey of the trees on site and within influencing distance of the boundaries was undertaken between 14th and 21st October 2020 and then two additional areas were surveyed on the 11th May 2022 as part of a Preliminary Arboricultural Assessment (RT-MME-153202-01 and RT-MME-157911-01) which was produced to identify the existing trees and hedgerows on the site to aid design and avoid unnecessary tree removal.

This Arboricultural Impact Assessment has been carried out in accordance with British Standard 5837:2012 '*Trees in Relation to Design, Demolition and Construction - Recommendations*' (hereafter referred to as BS5837). BS5837 sets out a structured assessment methodology to assist in determining which trees would be consider suitable or unsuitable for retention in the context of the proposed development. This Impact Assessment details the potential impact that the proposed development will have upon the site's existing tree stock and sets out recommendations for the subsequent mitigation or avoidance of impact.

This assessment has been merged using tree data from two reports (RT-MME-153202-01 and RT-MME-157911-01) where data has been used from RT-MME-157911-01 the data is shown in bold and italic e.g ***T1234***.

1.2 SITE DESCRIPTION

The assessment area covers land adjacent to Junction 9 of the M3 motorway is located at, Ordnance Survey Grid Reference SU 4961 3080. The study area encompasses several fields and woodland areas adjacent to Junction 9 of the M3 near Winchester. Tree cover across the site was generally found to be of low to moderate quality and is predominantly located in areas of woodland, floodplains and in roadside buffer planting.

The location of the trees surveyed can be found on the Tree Survey Plan attached to this report.

1.3 DEVELOPMENT PROPOSALS

The proposed development of the site includes several improvements to the existing M3 carriageway in and around Junction 9 (Winchester). These works include widening of north and southbound carriageways, the creation of new feeder lanes and roundabouts and associated hard and soft landscaping works.

The proposed development has been designed so that safe and healthy existing trees are retained wherever possible and that those trees to be retained are not significantly impacted upon by the development.

1.4 DOCUMENTATION PROVIDED

This assessment is based upon the information provided by the client in addition to information collected by Middlemarch Environmental Ltd during the Preliminary Arboricultural Assessment. The documents and drawings considered are detailed within Documentation Provided Table, below.

Documentation Provided			
Author	Document	Drawing Number	Date
N/A	Environmental Mitigation Design Plan	48176	N/A
Jacobs	Vegetation Site Clearance 1 of 18	HE549338-JAC-HSC-WHL-AL_SCHME-DR-CH-0001 P03	15/02/21
Jacobs	Vegetation Site Clearance 2 of 18	HE549338-JAC-HSC-WHL-AL_SCHME-DR-CH-0002 P03	15/02/21

Documentation Provided			
Author	Document	Drawing Number	Date
Jacobs	Vegetation Site Clearance 3 of 18	HE549338-JAC-HSC-WHL-AL_SCHME-DR-CH-0003 C02	25/01/21
-	M3 Site Clearance and Construction Space 30.06.2022	-	Received 11/07/2022

2. STATUTORY PROTECTION

2.1 TREE PRESERVATION ORDER AND CONSERVATION AREA DESIGNATIONS

No direct consultation with the Local Planning Authority, Winchester City Council, has taken place, however, it is understood having used the online search facility on the website for the Local Planning Authority, that there are a number of Tree Preservation Orders (TPOs) and Conservation Areas that would apply to trees present on, or in close proximity to the assessment sites and therefore statutory constraints would apply to the development in respect of trees. Prior to any tree works being undertaken, confirmation of the online information should be sought from the Local Authority. The trees covered by TPOs and located within Conservation Areas are identified in the Tree Survey Plan.

No works must be undertaken on the trees protected by a Tree Preservation Order without prior permission from the Local Authority unless authorised as part of an approved planning application. Works include pruning, topping, lopping, uprooting or wilful damage or wilful destruction of these trees. Any proposed pruning works not currently approved will need to be fully specified and agreed within a future planning application. If works are not included within the planning application, a separate TPO application should be submitted to the Local Authority for permission to undertake any works (approximately an 8-week process).

No works to any trees within a Conservation Area (i.e. any trees within the study area) are to be carried out without prior submission of a Section 211 notice to the Local Planning Authority (LPA) giving six weeks' notice of the proposed works unless authorised as part of an approved planning application.

Reference to the Multi Agency Geographical Information for the Countryside (MAGIC) website indicates that no area of ancient woodland has been recorded within 15.0 metres of the survey area.

2.2 PROTECTED SPECIES

Bats

Mature trees often contain cavities, hollows, peeling bark or woodpecker holes which provide potential roosting locations for bats. Bats and the places they use for shelter or protection (i.e. roosts) receive European protection under The Conservation of Habitats and Species Regulations 2017 (Habitats Regulations 2017). They receive further legal protection under the Wildlife and Countryside Act (WCA) 1981, as amended. Consequently, causing damage to a bat roost constitutes an offence.

Generally, should the presence of a bat roost be suspected whilst completing works on any trees on site then an appropriately licensed bat worker should be consulted for advice.

Birds

Trees and hedgerows offer potential habitat for nesting birds which are protected under the Wildlife and Countryside Act WCA 1981 (as amended). Some species (listed in Schedule 1 of the WCA) are protected by special penalties. This legislation makes it an offence to intentionally or recklessly damage or destroy an active bird nest or part thereof.

As the trees on, and adjacent, to the site provide potential habitat for nesting birds all tree work should ideally be completed outside the nesting bird season (Generally March to September).

If this is not possible then the vegetation should be subject to a nesting bird inspection by a suitably experienced ecologist prior to commencement of works. If any active nests are identified then the vegetation, and a defined buffer zone, will need to remain in place until the young have naturally fledged.

3. PRELIMINARY ARBORICULTURAL ASSESSMENT RESULTS SUMMARY

RT-MME-153202-01

One hundred and fifty-five individual trees, one hundred and fifty-four groups of trees, seven hedgerows and two woodlands were surveyed as part of the Preliminary Arboricultural Assessment. Trees assessed during the survey are listed as individual trees and groups of trees in the Tree Schedule (Appendix A) in accordance with BS5837:2012 recommendations. Summary of Trees and Groups in BS5837:2012 Categories Table 3.1a below provides a summary of the survey results in terms of categorisation.

Table 3.1a: Summary of Trees, Groups, Hedgerows and Woodlands in BS5837:2012 Categories	
BS5837:2012 Category	Tree Number
U	T76, T143, T149, G59, G96.
A	T6, T17, T18, T40, T43, T44, T46, T48, T51, T52, T53, T55, T56, T57, T62, T64, T66, T67, T82, T83, T132, T136, G10, G44, G45, G49, G55, W1, W2.
B	T1, T2, T3, T4, T5, T8, T11, T12, T13, T14, T21, T22, T23, T24, T34, T35, T38, T39, T42, T45, T49, T50, T54, T58, T59, T60, T61, T65, T70, T73, T74, T75, T88, T89, T90, T94, T99, T106, T110, T111, T112, T113, T116, T121, T123, T124, T128, T129, T130, T131, T133, T134, T135, T140, T141, T147, T148, T150, T151, T152, T154, T155, G1, G2, G4, G6, G8, G12, G13, G18, G21, G23, G27, G29, G32, G34, G36, G38, G40, G41, G42, G43, G48, G52, G54, G57, G58, G60, G63, G64, G66, G68, G71, G75, G76, G85, G89, G92, G95, G98, G101, G103, G116, G117, G120, G121, G122, G124, G129, G130, G131, G132, G133, G135, G140, G142, G147, G149, G151, G153, G154.
C	T7, T9, T10, T15, T16, T19, T20, T25, T26, T27, T28, T29, T30, T31, T32, T33, T36, T37, T41, T47, T63, T68, T69, T71, T72, T77, T78, T79, T80, T81, T84, T85, T86, T87, T91, T92, T93, T95, T96, T97, T98, T100, T101, T102, T103, T104, T105, T107, T108, T109, T114, T115, T117, T118, T119, T120, T122, T125, T126, T127, T137, T138, T139, T142, T144, T145, T146, T153, G3, G5, G7, G9, G11, G14, G15, G16, G17, G19, G20, G22, G24, G25, G26, G28, G30, G31, G33, G35, G37, G39, G46, G47, G50, G51, G53, G56, G61, G62, G65, G67, G69, G72, G73, G74, G77, G78, G79, G80, G81, G82, G83, G84, G86, G87, G88, G90, G91, G93, G94, G99, G100, G102, G104, G105, G106, G107, G108, G109, G110, G111, G112, G113, G114, G115, G118, G119, G123, G125, G126, G127, G128, G134, G136, G137, G138, G139, G141, G143, G144, G145, G146, G148, G150, G152, G155, H1, H2, H3, H4, H5, H6, H7.

The arboricultural assessment area was divided into seventeen land parcels mainly situated close to Junction 9 of the M3 but also tree cover following the A34 (Winchester By-Pass), A33 (Basingstoke Road) corridor and also a small area called Christmas Hill, which is located close to the A34.

Individual Specimens

The combined survey areas were predominantly made up of Category B (40%) and Category C (44%) individual trees with only 14% making up category A and 2% category U individual trees.

Groups of trees

The tree cover found within the survey area was primarily dominated by category B (37%) and category C (58%) specimen tree groups. Many of these were in good health and only exhibited non-structural minor defects.

Tree Stock

Generally, the tree stock across the seventeen sites was in good health and could be separated into three distinct age ranges dominating these sites:

- Young (19%),
- Semi Mature (37%) and

- Early Mature (42%).

Species range consisted of dominant Ash (20%) and Sycamore (25%) trees across all 17 sites. The minority species included:

- Alder (1%),
- Hawthorn (1%),
- Hornbeam (1%),
- Hybrid poplar (1%),
- Laburnum (1%),
- Scots pine (1%),
- Cherry (0.6%),
- Horse chestnut (0.6%),
- Lawson cypress (0.6%) and
- Lombardy poplar (0.6%)

Several high-quality trees (retention category A) were found during the survey. The highest quality species was generally Beech and European lime which were mostly found to be in good health and only exhibited minor non-structural defects such as deadwood, branch stubs and ivy restricting inspection. Note: Ivy is not a parasite to trees, but the presence of the ivy can prevent the observation of structural defects and fungal fruiting bodies which may impact on the tree’s structural health and future viability.

Further comments

During the survey Ash dieback (*Hymenoscyphus fraxineus*) was identified as either being present or showing early symptoms on a number of trees. Ash dieback is a disease that effects Fraxinus species and may require measures to prevent it from spreading.

Removing dead and dying ash trees near to the existing carriageway or proposed works is encouraged as safety of the public and construction operatives is paramount. Any arisings should remain on site and as close to the felling site as possible, to reduce the spread of the disease.

Rt-MME-157911-01

Ninety-five individual trees and three groups of trees were surveyed as part of the Preliminary Arboricultural Assessment. Trees assessed during the survey are listed as individual trees and groups of trees in the Tree Schedule (Appendix B) in accordance with BS5837:2012 recommendations. Table 3.1b provides a summary of the survey results in terms of categorisation.

Table 3.1b: Summary of Trees, Groups, Hedgerows and Woodlands in BS5837:2012 Categories	
BS5837:2012 Category	Tree/ Group Reference
U	2522, 2527, 2528, 2529, 2538, 2539, 2540, 2541, 2542, 2546, 2547, 2557, 2562, 2563, 2565, 2572.
A	-
B	2505, 2508, 2513, 2515, 2516, 2524, 2556, 2559, 2561, 2568, 2569, 2570, 2575, 2576, 2577, 2580, 2585, 2587, 2590, G2.
C	2501, 2502, 2503, 2504, 2506, 2507, 2509, 2510, 2511, 2512, 2514, 2517, 2518, 2519, 2520, 2521, 2523, 2525, 2526, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2543, 2544, 2545, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2558, 2560, 2564, 2566, 2567, 2571, 2573, 2574, 2578, 2579, 2581, 2582, 2583, 2584, 2586, 2588, 2589, 2591, 2592, 2593, 2594, 2595, G1, G3.

The arboricultural assessment area was divided into two land parcels, both situated south of Junction 9 on the M3 motorway.

Individual Specimens

Tree cover across the combined survey areas was predominantly made up of Retention Category C (63%) and Retention Category B (20%) individual trees with only 17% making up Retention Category U individual trees. Many of the trees considered unsuitable to retain were ash trees that displayed symptoms associated with ash dieback (*Hymenoscyphus fraxineus*) and as such they offered limited longevity.

Groups of trees

The tree cover found within the survey area was primarily dominated by Retention Category C (67%) and Retention Category B (33%) specimen tree groups. Many of these were in fair health and only exhibited non-structural, minor defects.

Tree Stock

Generally, the tree stock across the seventeen sites was in good health and could be separated into three distinct age ranges dominating these sites:

Young (2%),
Semi Mature (80%) and
Early Mature (18%).

The dominant individual tree species range consisted of Field maple (43%) and Ash (31%) across both sites. The minority individual tree species were Cherry (15%) and Whitebeam (12%).

Several moderate quality trees were found during the survey with the best of those being field maple and cherry which were mostly found to be in good health and only exhibited minor non-structural defects such as deadwood, branch stubs and ivy, restricting inspection. Note: Ivy is not a parasite to trees, but the presence of the ivy can prevent the observation of structural defects and fungal fruiting bodies which may impact on the tree's structural health and future viability.

Further comments

During the survey ash dieback (*Hymenoscyphus fraxineus*) was identified as either being present or showing early symptoms on a number of trees. Ash dieback is a disease that effects *Fraxinus sp.* and may require measures to prevent it from spreading.

Removing dead and dying ash trees near to the existing carriageway or proposed works is encouraged as safety of the public and construction operatives is paramount. Any arisings should remain on site and as close to the felling site as possible, to reduce the spread of the disease and all equipment and clothing used to undertake works to the trees should be disinfected to ensure cross-contamination to other sites does not occur.

4. ARBORICULTURAL IMPACT ASSESSMENT

4.1 INTRODUCTION

This section of the report details the potential impacts that the proposed development may have upon the site's tree stock. The assessment has been based upon the documents detailed in Table 1.1 with reference to the results of the Preliminary Arboricultural Assessment (RT-MME-153202-01).

The location of the trees can be found on the Tree Survey Plan and a schedule of the trees (Appendix A) attached to this report.

4.2 IMPACTS FROM DEVELOPMENT LAYOUT

4.2.1 Tree Retention and Removal

To accommodate the proposed development, it will be necessary to remove a number of trees within the site.

The trees to be removed are detailed within Table 4.1 and are identified on the Tree Retention Plan, Drawing Number, attached to this report. All trees, groups and hedgerows not featured within the Tree Removal Table, below, are to be retained within the proposed development.

Table 4.1: Tree Removal			
Tree/ Group/ Hedgerow Reference	Species	Retention Category	Reason for Removal
T3	Walnut	B	Located within footprint of proposed landscaping and carriageway realignment works.
T4	Sycamore	B	
T5	European Lime	B	
T6	European Lime	A	
T7	Sycamore	C	
T8	Ash	C	
T9	Lawson Cypress	C	
T22	Walnut	B	
T23	Alder	B	
T24	Alder	B	
T25	Ash	C	
T26	Hybrid Black Poplar	C	
T33	Ash	C	
T34	Field Maple	B	
T35	Field Maple	B	
T36	Sycamore	C	
T37	Walnut	C	
T38	Sycamore	B	
T43	Beech	A	Located within footprint of proposed pedestrian footpath realignment works.
T68	Laburnum	C	
T69	Laburnum	C	
T73	Ash	B	Unsuitable for long-term retention due to poor structural condition.
T76	Ash	U	
T77	Field Maple	C	

Table 4.1: Tree Removal			
Tree/ Group/ Hedgerow Reference	Species	Retention Category	Reason for Removal
T78	Field Maple	C	Located within footprint of proposed carriageway realignment works.
T80	Beech	C	Located within footprint of proposed roundabout reconfiguration works.
T81	Ash	C	
T82	Beech	A	
T83	Beech	A	
T84	Ash	C	
T85	Ash	C	
T86	Hawthorn	C	
T87	Field Maple	C	
T88	Field maple	B	Located within footprint of proposed roundabout reconfiguration works.
T89	Field maple	B	Located within footprint of proposed roundabout reconfiguration works.
T90	Field maple	B	Located within footprint of proposed roundabout reconfiguration works.
T91	Field maple	C	Located within footprint of proposed roundabout reconfiguration works.
T92	Cherry	C	Located within footprint of proposed residential footpath.
T93	Ash	C	Located within footprint of proposed roundabout reconfiguration works.
T94	Field Maple	B	
T99	Field Maple	B	Located within footprint of proposed carriageway realignment works.
T100	Ash	C	Located within footprint of proposed carriageway realignment works.
T101	Field Maple	C	
T102	Field Maple	C	
T103	Field Maple	C	Located within footprint of proposed roundabout reconfiguration works.
T104	Ash	C	
T105	Ash	C	
T106	Field maple	B	
T107	Field maple	C	
T108	Field Maple	C	
T109	Field Maple	C	
T110	Field maple	B	
T111	Field maple	B	
T124	Sycamore	B	
T143	Sycamore	U	Unsuitable for long-term retention due to poor structural condition.
T149	Ash	U	Unsuitable for long-term retention due to poor structural condition.
T151	Sycamore	B	Located within footprint of proposed landscaping and carriageway realignment works.
T152	Sycamore	B	
T153	Ash	C	
T2512	Whitebeam	C	ADS
T2513	Cherry	B	

Table 4.1: Tree Removal				
Tree/ Group/ Hedgerow Reference	Species	Retention Category	Reason for Removal	
T2514	Whitebeam	C		
T2515	Cherry	B		
T2520	Field maple	C		
T2521	Ash	C		
T2522	Ash	U		
T2523	Whitebeam	C		
T2524	Cherry	B		
T2525	Whitebeam	C		
T2526	Ash	C		
T2527	Ash	U		
T2528	Ash	U		
T2529	Ash	U		
T2530	Cherry	C		
T2531	Whitebeam	C		
T2532	Ash	C		
T2546	Ash	U		
T2547	Ash	U		
T2548	Ash	C		
T2566	Field maple	C		
T2567	Field maple	C		
T2571	Field maple	C		
T2572	Ash	U		
T2573	Field maple	C		
T2574	Field maple	C		
G1*	Mixed species	C		
G2*	Mixed species	B		
G3*	Mixed species	C		
G1*	Mixed species	B		Located within footprint of proposed landscaping and carriageway realignment works.
G6*	Mixed species	B		
G7	Mixed species	C		
G10	Mixed Species	A		
G11	Mixed Species	C		
G24	Mixed Species	C		
G26*	Mixed Species	C	For the site access from the A272.	
G27*	Mixed Species	B	For a retaining wall and gantry base.	
G29*	Mixed Species	B	Partial removal required to facilitate proposed carriageway realignment works (Spitfire).	
G33	Mixed Species	C	Partial removal required to facilitate proposed carriageway realignment works.	
G43	Mixed species	B	For a gantry base and area to construct the gantry base.	
G46*	Mixed Species	C	Earthworks.	
G48*	Mixed Species	B	Earthworks.	
G53*	Mixed Species	C	For a gantry base and area to construct the gantry base.	

Table 4.1: Tree Removal			
Tree/ Group/ Hedgerow Reference	Species	Retention Category	Reason for Removal
G67	Mixed Species	C	Located within footprint of proposed carriageway realignment works.
G68	Field Maple	B	
G69*	Mixed Species	C	Partial removal required to facilitate proposed landscape and carriageway realignment works.
G70	Mixed Species	C	Full removal required to facilitate proposed roundabout reconfiguration works.
G71	Mixed Species	C	
G72	Mixed Species	C	
G73	Mixed Species	C	
G74	Mixed Species	C	
G75	Mixed Species	B	
G75	Mixed Species	B	
G76	Field Maple	B	
G77	Mixed Species	C	
G78	Mixed Species	C	
G79	Mixed Species	C	
G80	Mixed Species	C	
G81	Mixed Species	C	
G82	Ash	C	
G83	Cherry	C	
G84	Mixed species	C	
G86	Mixed Species	C	
G87	Mixed Species	C	
G88	Mixed Species	C	
G89	Mixed Species	C	
G96	Mixed Species	U	Unsuitable for long-term retention due to poor structural condition.
G98	Sycamore	B	Located within footprint of proposed carriageway realignment works.
G100	Mixed species	C	Located within footprint of proposed carriageway realignment works.
G101	Mixed Species	B	Removal required to facilitate proposed landscaping and carriageway realignment works.
G102	Mixed Species	C	
G103	Field Maple	C	Removal required to facilitate proposed roundabout reconfiguration works.
G104	Ash	C	
G105	Mixed Species	C	
G106	Mixed Species	C	
G107	Mixed Species	C	
G108	Ash	C	
G109	Ash	C	
G112*	Mixed species	C	
G113	Mixed Species	C	Removal required to facilitate proposed landscaping and carriageway realignment works.
G128	Mixed species	C	Removal required to facilitate proposed landscaping and carriageway realignment works.

Table 4.1: Tree Removal			
Tree/ Group/ Hedgerow Reference	Species	Retention Category	Reason for Removal
G129	Field maple	B	Removal required to facilitate proposed landscaping and carriageway realignment works.
G130*	Mixed Species	B	Partial removal required to facilitate proposed landscaping mounding works.
G142*	Mixed Species	B	
G143	Mixed Species	C	Removal required to facilitate proposed landscape mounding works.
G144*	Mixed species	C	Removal required to facilitate proposed landscape mounding works.
G153*	Mixed Species	B	Earthworks / construction access to the new bridge
G154	Mixed Species	B	Removal required to facilitate proposed landscape mounding works.
G155	Mixed Species	C	Removal required to facilitate proposed landscape mounding works.
H1	Mixed Species	C	Removal required to facilitate creation of proposed slip road.
H4*	Mixed Species	C	Partial removal required to facilitate creation of proposed slip road.
H5*	Mixed Species	C	
H6	Mixed Species	C	Removal required to facilitate creation of proposed slip road.
<p><u>Key</u></p> <p>*: Partial removal of trees within group or hedgerow. T/G000: Tree and groups of trees from rt-mme-157911-01.</p>			

The proposed development will ensure the retention and incorporation of the majority of trees surveyed across the site alongside new tree planting as part of the wider landscape strategy. However, the proposed development will require the removal of eighty-five individual trees, forty-five groups of trees and two hedgerows. The partial removal of trees forming a further fifteen tree groups, an area of newly planted trees and two hedgerows will also be required.

Ten individual trees (T76, T143, T149, T2522, T2527, 2528, T2529, T2546, T2547 and T2572) and one group of trees (G96), identified for removal were considered to be unsuitable for retention during the Preliminary Arboricultural Assessment and therefore the removal of these trees would be required, irrespective of the proposed development, due to their poor condition. Certain Retention Category U trees may, however, possess existing or potential conservation value which make them desirable to preserve in the context of wildlife habitat (e.g. areas with limited public access).

Four trees (T6, T43, T82 and T83) and one group of trees (G10) identified for removal were assessed as high retention value during the arboricultural survey.

Twenty-five individual trees and eight groups of trees identified for removal were of moderate retention value and suitable new tree planting will therefore be required to provide an adequate level of mitigation for this loss.

The remaining trees and groups that are to be removed or partially removed were considered to be of a low retention value during the Preliminary Arboricultural Assessment. The proposed removal of these trees should be considered acceptable as new tree planting of higher quality trees more suited to the new development will make a lasting contribution to the landscape character of the site.

It is understood that group numbers G142 and G144 will require partial removal, and this will be confirmed when the plans have been finalised.

4.2.2 Tree Pruning

All tree pruning works should be detailed as part of an Arboricultural Method Statement and completed in accordance with the current best practice guidance set out within BS3998:2010 “*Tree Work – Recommendations*” by suitably competent, qualified, and insured arboricultural contractors. It is recommended that the extent of pruning required is then identified to contractors in a pre-commencement site meeting as part of the enabling works.

It is understood that a number of trees will require pruning at the ADS locations.

4.3 IMPACTS FROM DEMOLITION AND RELATED OPERATIONS

4.3.1 Building Demolition

There are no areas on site where the demolition of existing buildings is required within close proximity to trees. As such, no impact from this aspect of the development is considered likely.

4.3.2 Removal of Hard Surfaces

The removal of existing hardstanding within the RPAs of retained trees and groups will require a precautionary approach to the works and should be detailed as part of an Arboricultural Method Statement prior to site occupation.

4.4 DIRECT IMPACTS FROM CONSTRUCTION

4.4.1 Works within RPAs

Some aspects of the proposed development will require works within the RPAs of retained trees as detailed within the Works in RPAs and Canopy Spreads Table, below.

Table 5.2: Works in RPAs and Canopy Spreads			
Tree/ Group/ Hedgerow Reference	Species	Retention Category	Proposed Works
T46	European lime	A	Installation of new hardstanding for proposed pedestrian woodland path.
T47	Norway maple	C	
T51	European lime	A	
T52	Yew	A	
T53	Norway maple	A	
T54	Yew	B	
T55	European lime	A	
T56	European lime	A	
T57	Sycamore	A	
T67	Black walnut	A	
T70	Walnut	B	
T71	Ash	C	
T2504	Ash	C	Vegetation clearance.
T2505	Cherry	B	Vegetation clearance.
T2506	Whitebeam	C	Vegetation clearance.
T2507	Ash	C	Vegetation clearance.
T2508	Cherry	B	Vegetation clearance.
T2509	Whitebeam	C	Vegetation clearance.
T2510	Ash	C	Vegetation clearance.
T2511	Cherry	C	Vegetation clearance.

Table 5.2: Works in RPAs and Canopy Spreads

Tree/ Group/ Hedgerow Reference	Species	Retention Category	Proposed Works
T2517	Ash	C	Vegetation clearance.
T2518	Cherry	C	Vegetation clearance.
T2519	Whitebeam	C	Vegetation clearance.
T2555	Field maple	C	Vegetation clearance.
T2556	Field maple	B	Vegetation clearance.
T2561	Field maple	B	Vegetation clearance.
T2564	Field maple	C	Vegetation clearance.
T2570	Field maple	B	Vegetation clearance.
T2576	Field maple	B	Vegetation clearance.
T2580	Field maple	B	Vegetation clearance.
T2585	Field maple	B	Vegetation clearance.
G6	Mixed species	B	Installation of new hardstanding for proposed access drive. Completion of proposed landscape mounding works.
G26	Mixed species	C	For the site access from the A272.
G27	Mixed species	C	For a retaining wall and gantry base.
G29	Mixed species	B	Installation of new hardstanding and completion of soft landscaping works for proposed roundabout reconfiguration.
G43	Mixed species	B	Gantry base and area to construct the gantry base. Completion of proposed landscape mounding works.
G45	Mixed species	A	Installation of new hardstanding for proposed pedestrian woodland path.
G46	Mixed species	C	
G47	Ash	C	
G53	Mixed species	C	
G58	Mixed species	B	Reinstatement of existing hardstanding for pedestrian footpath.
G60	Mixed species	B	Reinstatement of existing hardstanding for pedestrian footpath.
G69	Mixed species	C	Completion of proposed landscape mounding works.
G73	Mixed species	C	Installation of new hardstanding and completion of soft landscaping works for proposed roundabout reconfiguration.
G75	Mixed species	B	
G76	Field maple	B	
G89	Mixed species	B	Installation of new hardstanding and completion of soft landscaping works for creation of proposed slip road.
G112	Mixed species	C	New signage.
G128	Mixed species	C	Proposed landscape mounding works.
G130*	Mixed species	B	
G142*	Mixed species	B	
<i>Key:</i>			
T/G000: Tree and groups of trees from rt-mme-157911-01.			

It should be noted that the RPAs potentially affected by works to realign or reinstate hardstanding for pedestrian footpaths and motorway carriageways are already hard-surfaced and root development from the surrounding trees in the affected areas may have been restricted. The potential for significant impact upon

the trees as a result of the proposed works is therefore unlikely, however, further investigation through the use of root radar may be required to inform decision-making.

The completion of proposed landscape mounding works will generally be located at the periphery of the RPAs of retained trees and groups and the proposed works are, therefore, unlikely to cause significant harm. Should the need for landscape mounding works within a significant proportion of an individual tree or tree group's RPA be identified, the Project Arboriculturist shall be consulted prior to works commencing.

All works within the Root Protection Areas or beneath the canopy spreads of retained trees should be detailed as part of an Arboricultural Method Statement to ensure the method of construction is suitably considered.

4.4.2 Underground and Overhead Utilities

Wherever possible, common service trenches should be specified to minimise land take associated with underground service provision and facilitation access for future maintenance.

4.4.3 Working Space

Sufficient working space around proposed hardstanding installation and landscape mounding works will likely be required across the site and entering the RPAs of several retained trees. Suitable canopy, stem and ground protection measures will therefore be required to ensure any potential impact upon retained trees is mitigated. These mitigation measures should be included in an Arboricultural Method Statement following approval of the current planning application.

4.5 IMPACTS FROM CONSTRUCTION RELATED OPERATIONS

4.5.1 Site Access

It is understood that construction access to the site will be provided through the existing access point and it may therefore be necessary to undertake access facilitation pruning works to low-hanging branches to minimise the potential for vehicular impact.

It will be necessary to ensure retained trees adjacent to the access route are protected from vehicular impact through the installation of tree protection barriers, prior to the commencement of the development.

4.5.2 Site Compound, Contractors Car Parking, Delivery and Storage of Materials

Material deliveries to the site will utilise the existing access point. Retained trees will be protected from harm by the prior installation of tree protection barriers and the completion of access facilitation pruning works (if required).

It is understood that the existing Kier Highways compound off Junction 9 of the M3 will be utilised for various aspects of the proposed development. Being already established, the use of this compound is not expected to incur any impacts upon the long-term health of retained tree.

Additional site compounds, contractor's parking and areas for materials storage across the site should be confirmed as part of an Arboricultural Method Statement following approval of the current planning application.

5. SUMMARY OF IMPACTS

The proposed tree removal is unlikely to have a significant impact upon the visual amenity of the local area as a result of the proposed development of the site. Sufficient provision for replacement tree planting within the proposed scheme has also been recommended to mitigate for such impacts.

Whilst some works are to be undertaken within the RPAs of retained trees, the nature of those works are such that they can be completed without impacting significantly upon the trees subject to the adoption of appropriate working practices as detailed in a future Arboricultural Method Statement following approval of the current planning application.

6. MITIGATION AND PROTECTION

6.1 INTRODUCTION

This section of the report details the mitigation for the proposed tree loss, initial protection and avoidance measures suggested to prevent harm to the retained trees.

6.2 NEW TREE PLANTING

New tree planting will form an integral part of the proposed development, however, proposals for new tree planting should be appropriate for the future use of the site and not just aim to mitigate the proposed tree loss.

As part of the development proposals, an adequate quantity of tree planting has been demonstrated. In this respect, the Environmental Mitigation Design Plan (Drawing Ref 48176) indicates the creation of several new areas of tree planting and habitat creation across the site. The purpose and function of the new tree planting should be carefully considered so that key objectives from a wildlife habitat and landscape perspective can also be achieved.

The landscaping scheme should consider the use of both native tree species (for their low maintenance requirements and nature conservation value) and ornamental species (for their contribution to urban design and amenity value). Species choices should be selected on the basis of their suitability for the final site use. Careful consideration should be given to the following: ultimate height and canopy spread, form, habit, density of crown, potential shading effect, colour, water demand, soil type and maintenance requirements in relation to both the built form of the new development and existing properties.

Tree planting should be avoided where they may obstruct overhead power lines or cables. Any underground apparatus should be ducted or otherwise protected at the time of construction to enable trees to be planted without resulting in future conflicts.

6.3 GENERAL TREE PROTECTION

6.3.1 Construction Exclusion Zone

To minimise the potential for harm to the root systems and canopies of retained trees during development construction exclusion zones will be required throughout the site. These are areas surrounding the trees' RPAs and canopies in which construction works, or related activities, will be avoided.

It is recommended that the exclusion zones are afforded protection at all times through the use of tree protection barriers and/or ground protection (specified in accordance with BS5837:2012). No works that cause compaction of the soil or severance of tree roots, except where undertaken in accordance with the guidance provided within this document or detailed within a subsequent AMS, will be undertaken within any exclusion zone.

6.3.2 Tree Protection Barriers

The protective barriers should be erected following any tree removal or tree surgery works and prior to the commencement of any construction site works e.g. before any construction materials or machinery are brought on site or the stripping of soil commences.

The protective barriers are to be constructed in accordance with the specification detailed in BS5837:2012. Any variation to the specification of the protective barrier should be agreed with the Local Planning Authority Arboricultural Officer or included as part of an Arboricultural Method Statement following approval of the current planning application.

6.3.3 Ground Protection

Ground protection measures will need to be installed within the RPAs of several retained trees and groups to permit access for construction and to provide space for site activities. Suitable ground protection measures should be detailed as part of an Arboricultural Method Statement following approval of the current planning application.

7. ARBORICULTURAL METHOD STATEMENT

An Arboricultural Method Statement will be required for the site as various aspects of the proposed development will need to be fully considered due to the presence of retained trees.

The purpose of a Method Statement is to ensure that all site operations can occur with minimal risk of adverse impact upon trees that are to be retained. The document will identify all areas where specific working methods will be required to ensure protection to trees. The document will also specify the location and extent of tree protection barriers and ground protection.

In relation to this development the Method Statement should address the following:

- Tree Surgery
- Site setup and logistics
- Works within Root Protection Areas
- Working space to construct new buildings
- Suitable site access, material storage contractor's car parking and site compound locations.
- Final protective barrier and ground protection locations and specifications.
- Phased approach to development works to ensure retained trees are not impacted through demolition and new access construction works.
- Extent of access facilitation pruning works to be undertaken.
- Pre-commencement site meeting.

8. REFERENCES AND BIBLIOGRAPHY

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9. DRAWINGS & APPENDICES

Drawing Number HE551511-VFK-VTO-E-M3SB_XX-DR-VT-0001 P02 – Tree Survey Plan (Sheet 1 of 9)

Drawing Number HE551511-VFK-VTO-E-M3SB_XX-DR-VT-0002 P02 – Tree Survey Plan (Sheet 2 of 9)

Drawing Number HE551511-VFK-VTO-E-M3SB_XX-DR-VT-0003 P02 – Tree Survey Plan (Sheet 3 of 9)

Drawing Number HE551511-VFK-VTO-E-M3SB_XX-DR-VT-0004 P02 – Tree Survey Plan (Sheet 4 of 9)

Drawing Number HE551511-VFK-VTO-E-M3SB_XX-DR-VT-0005 P02 – Tree Survey Plan (Sheet 5 of 9)

Drawing Number HE551511-VFK-VTO-E-M3SB_XX-DR-VT-0006 P02 – Tree Survey Plan (Sheet 6 of 9)

Drawing Number HE551511-VFK-VTO-E-M3SB_XX-DR-VT-0007 P02 – Tree Survey Plan (Sheet 7 of 9)

Drawing Number HE551511-VFK-VTO-E-M3SB_XX-DR-VT-0008 P02 – Tree Survey Plan (Sheet 8 of 9)

Drawing Number HE551511-VFK-VTO-E-M3SB_XX-DR-VT-0009 P02 – Tree Survey Plan (Sheet 9 of 9)

Drawing Number HE551511-VFK-VTO-E-M3SB_XX-DR-VT-0022 P01 – Tree Survey Plan (Sheet 1 of 2)

Drawing Number HE551511-VFK-VTO-E-M3SB_XX-DR-VT-0023 P01 – Tree Survey Plan (Sheet 2 of 2)

Drawing Number HE551511-VFK-VTO-E-M3SB_XX-DR-VT-0010 P02 – Tree Retention Plan (Sheet 1 of 9)

Drawing Number HE551511-VFK-VTO-E-M3SB_XX-DR-VT-0011 P02 – Tree Retention Plan (Sheet 2 of 9)

Drawing Number HE551511-VFK-VTO-E-M3SB_XX-DR-VT-0012 P02 – Tree Retention Plan (Sheet 3 of 9)

Drawing Number HE551511-VFK-VTO-E-M3SB_XX-DR-VT-0013 P03 – Tree Retention Plan (Sheet 4 of 9)

Drawing Number HE551511-VFK-VTO-E-M3SB_XX-DR-VT-0014 P03 – Tree Retention Plan (Sheet 5 of 9)

Drawing Number HE551511-VFK-VTO-E-M3SB_XX-DR-VT-0015 P04 – Tree Retention Plan (Sheet 6 of 9)

Drawing Number HE551511-VFK-VTO-E-M3SB_XX-DR-VT-0016 P06 – Tree Retention Plan (Sheet 7 of 9)

Drawing Number HE551511-VFK-VTO-E-M3SB_XX-DR-VT-0017 P06 – Tree Retention Plan (Sheet 8 of 9)

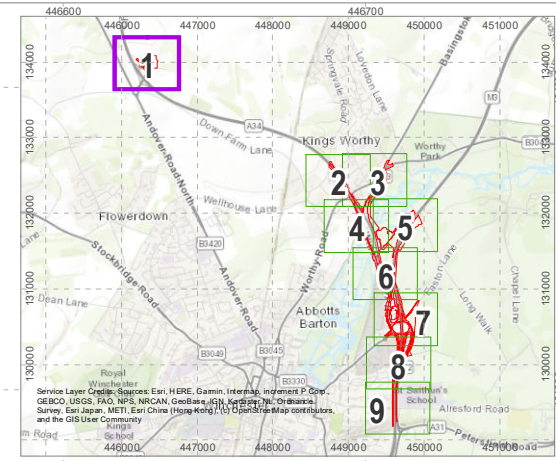
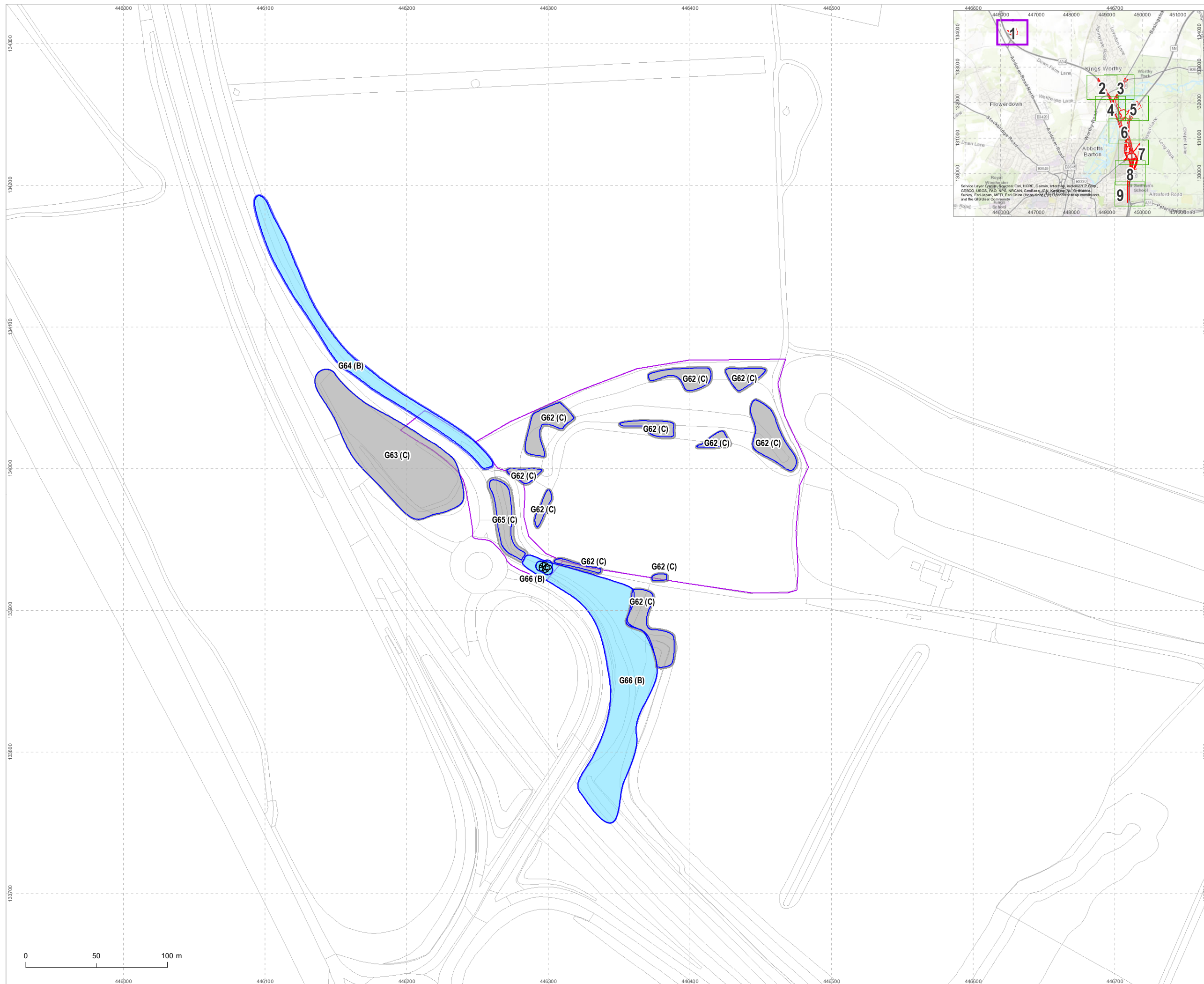
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Drawing Number HE551511-VFK-VTO-E-M3SB_XX-DR-VT-0025 P01 – Tree Retention Plan (Sheet 2 of 2)

Appendix A: Tree Schedule – RT-MME-153202-01

Appendix B: Tree Schedule – RT-MME-157911-01



Legend

- Tree location and stem diameter
- Category A
- Category B
- Category C
- Category U
- Current canopy extent
- Root Protection Area
- Newly planted trees
- Area subject to Tree Preservation Order (TPO)
- Conservation Area
- Application Boundary
- Survey Area

T - Tree
H - Hedgerow
G - Tree group
W - Woodland

NOTES
All dimensions to be verified on site. Do not scale this drawing, use figured dimensions only. All discrepancies to be clarified with Project Arboriculturalist. Drawing to be read in conjunction with Preliminary Arboricultural Assessment and Tree Schedule. Drawing has been produced in colour and is based on digital information in .dwg format, aerial images and/or GPS location where appropriate. A monochrome copy should not be relied upon. The exact position of individual trees or species included as part of a tree group, woodland or hedgerow should be checked and verified on site prior to any decisions for foundation design, tree operations or construction activity being undertaken. Further survey work would be required for calculating foundation depths. Trees are living organisms that change over time, the condition of all trees illustrated herein, are to be checked by the Project Arboriculturalist should works commence 12 months after the date of this survey. **SOME TREES MAY BE SUBJECT TO STATUTORY CONSTRAINTS. IT IS THEREFORE ADVISED THAT NO WORKS SHOULD BE UNDERTAKEN TO ANY TREES ILLUSTRATED HEREIN WITHOUT FIRST OBTAINING THE RELEVANT AUTHORISATION TO DO SO UNLESS AGREED AS PER THE APPROVED PLANS THROUGH PLANNING CONSENT.** This drawing is the property of Middlemarch Environmental Ltd and is issued on the condition it is not reproduced, retained or disclosed to any unauthorised person, either wholly or in part without written consent of Middlemarch Environmental Ltd. Middlemarch Environmental Ltd accept no liability for third party use.

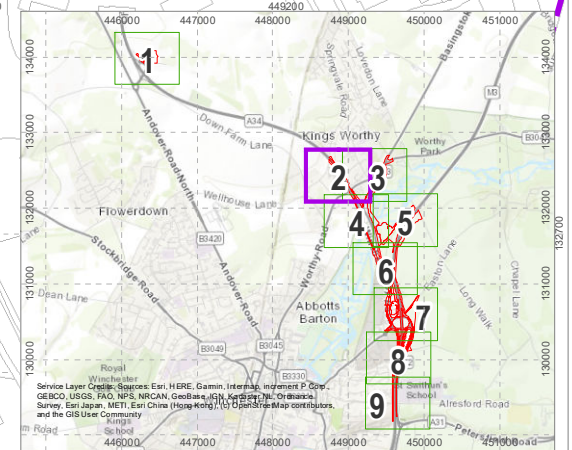
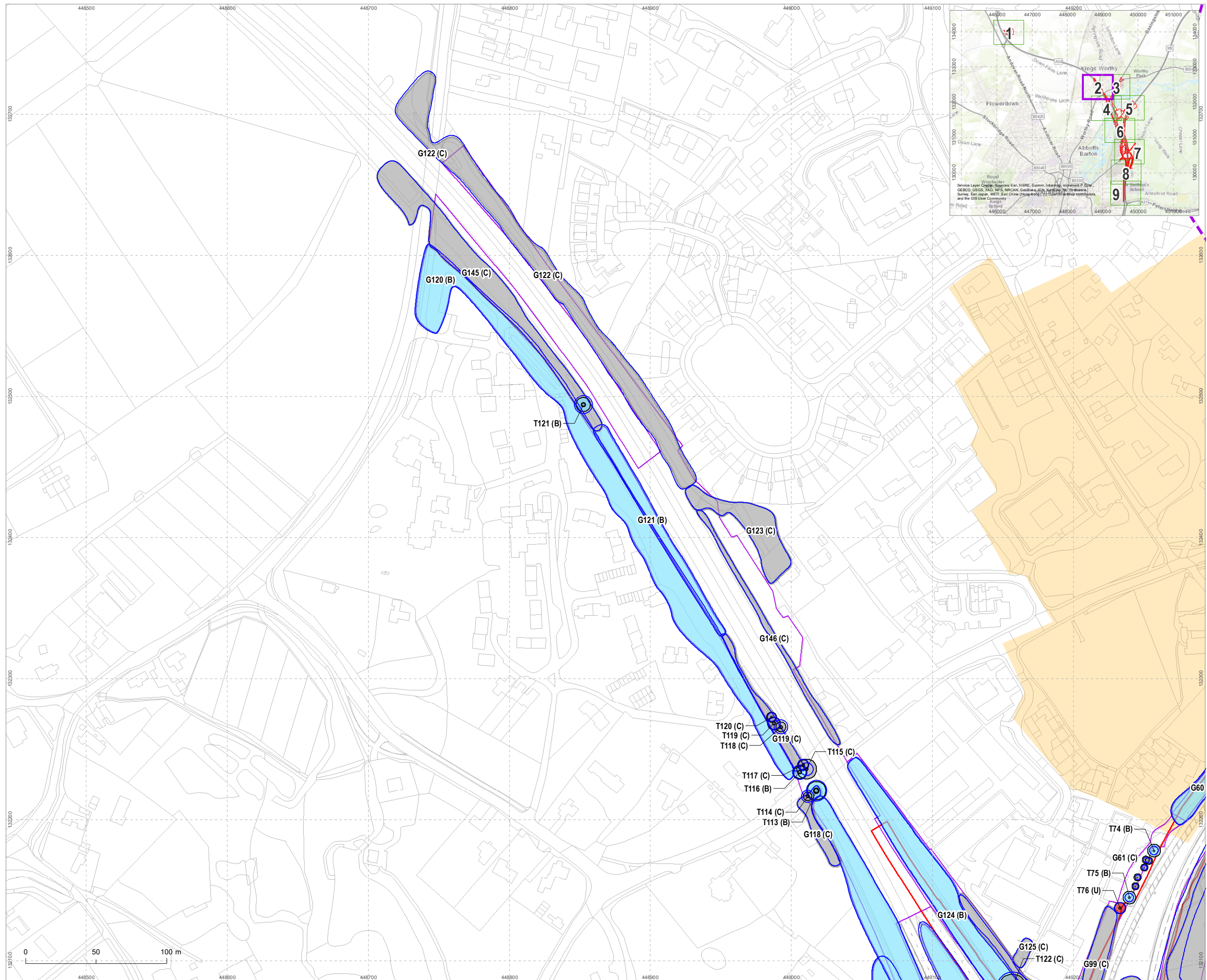
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Drawing	Tree Survey Plan - Page 1 of 9
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Drawing Number HE551511-VFK-VTO-E-M3SB_XX-DR-VT-0001-P02	Revision P02
Scale @ A3 1:2,500	Date October 2021
Approved By DM	Drawn By RP

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Legend

- Tree location and stem diameter
- Category A
- Category B
- Category C
- Category U
- Current canopy extent
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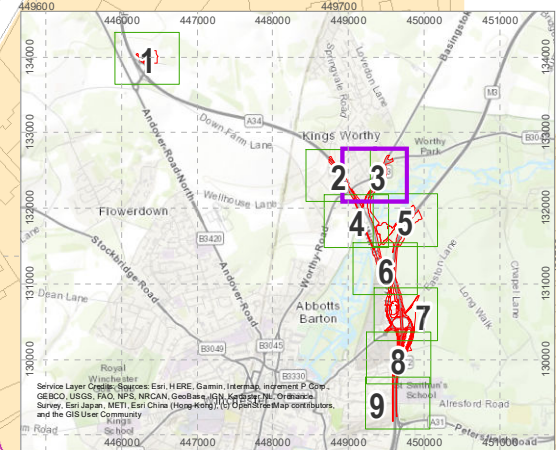
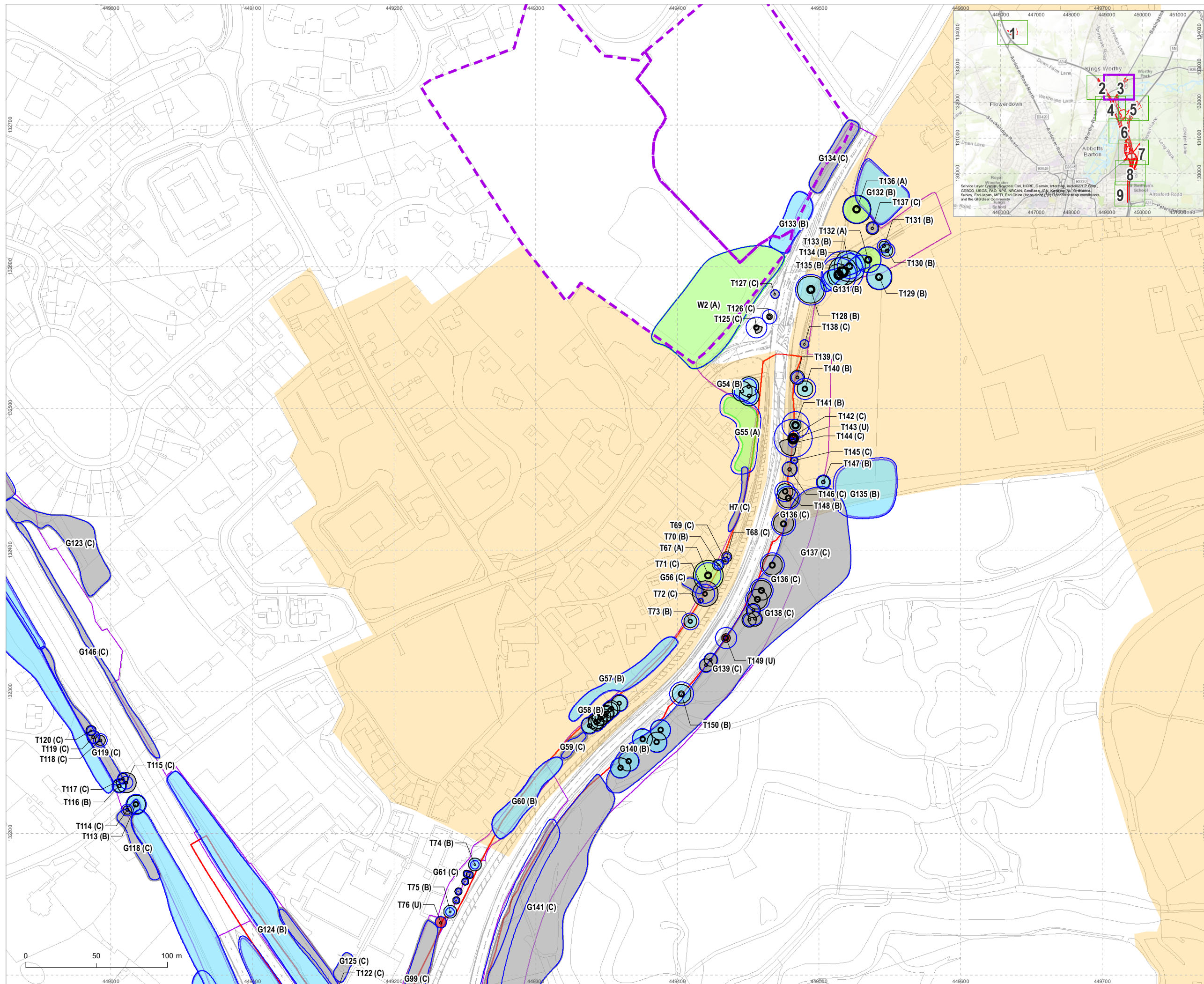
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Scale @ A3	1:2,500	Date	October 2021
Approved By	DM	Drawn By	RP

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Legend

- Tree location and stem diameter
- Category A
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G - Tree group
W - Woodland

NOTES

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Trees are living organisms that change over time, the condition of all trees illustrated herein, are to be checked by the Project Arboriculturalist should works commence 12 months after the date of this survey.

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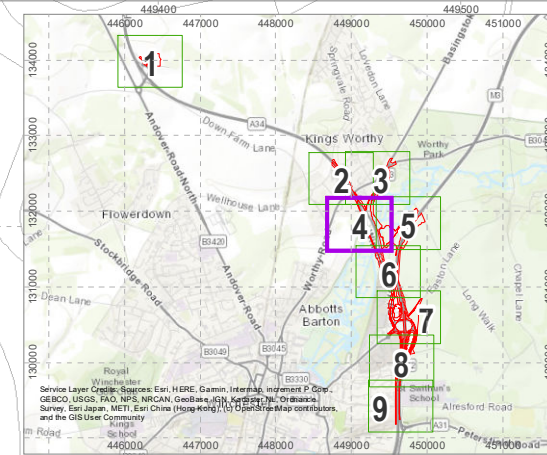
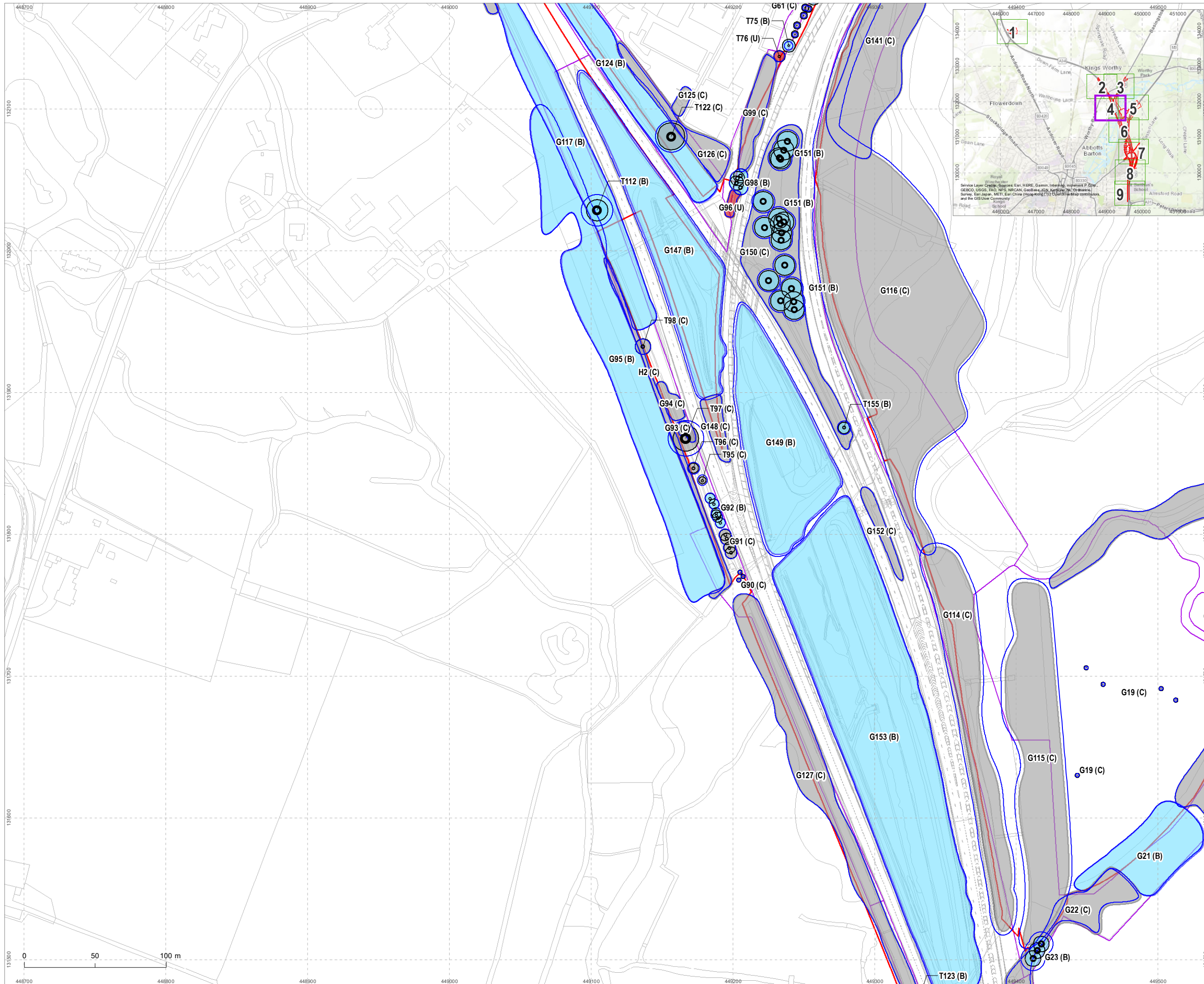
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Legend

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W - Woodland

NOTES
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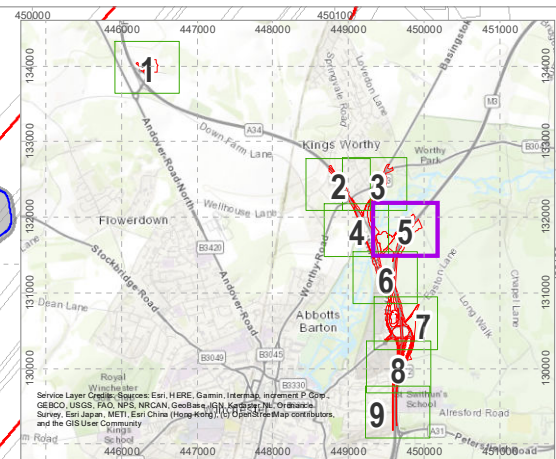
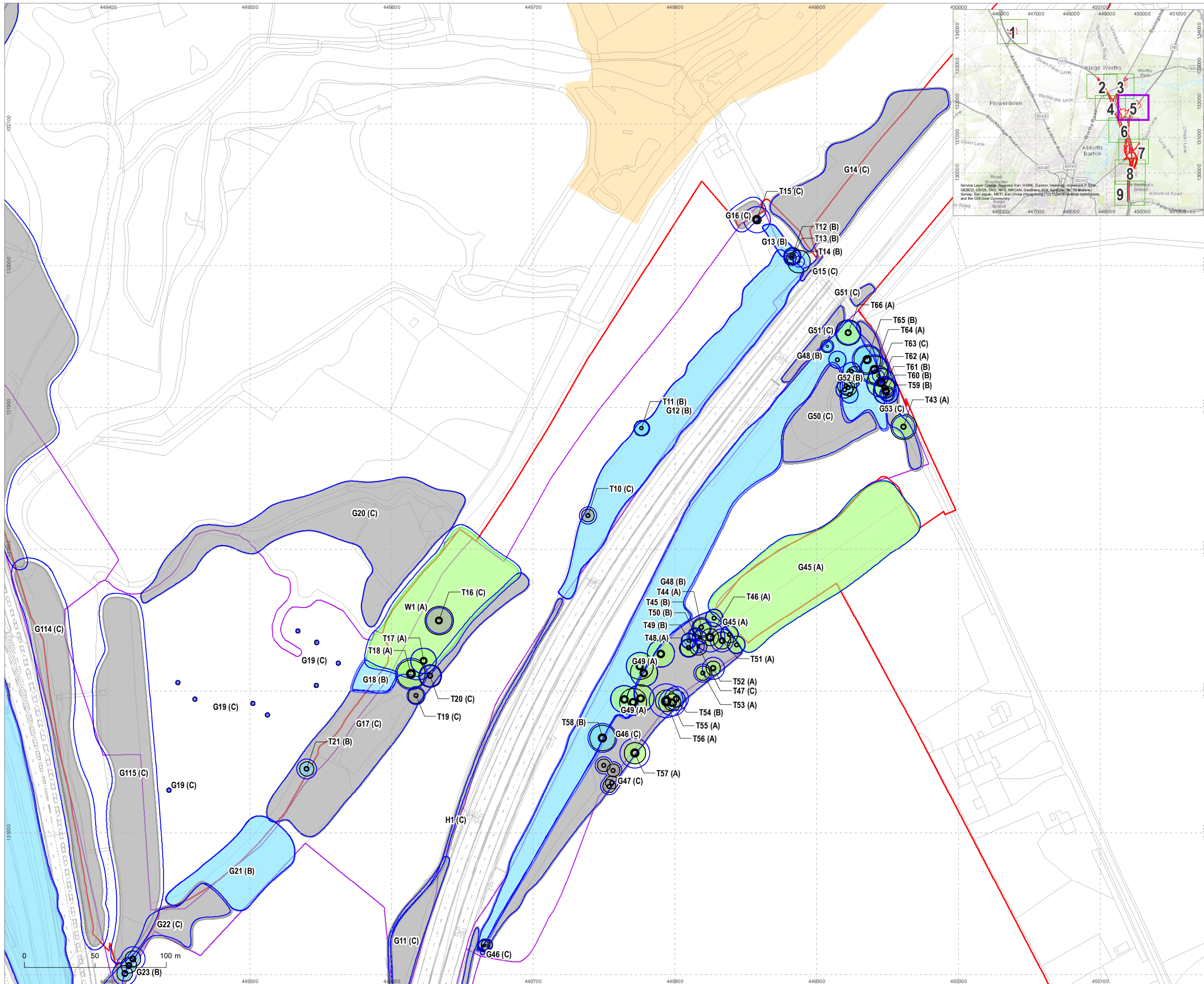
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Project	M3 Junction 9
Drawing	Tree Survey Plan - Page 4 of 9
Client	Select Surveys
Drawing Number	HE551511-VFK-VTO-E-M3SB_XX-DR-VT-0004-P02
Revision	P02
Scale @ A3	1:2,500
Date	October 2021
Approved By	DM
Drawn By	RP

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Legend

- Tree location and stem diameter
- Category A
- Category B
- Category C
- Category U
- Current canopy extent
- Root Protection Area
- Newly planted trees
- Area subject to Tree Preservation Order (TPO)
- Conservation Area
- Application Boundary
- Survey Area

T - Tree
 H - Hedgerow
 G - Tree group
 W - Woodland

NOTES
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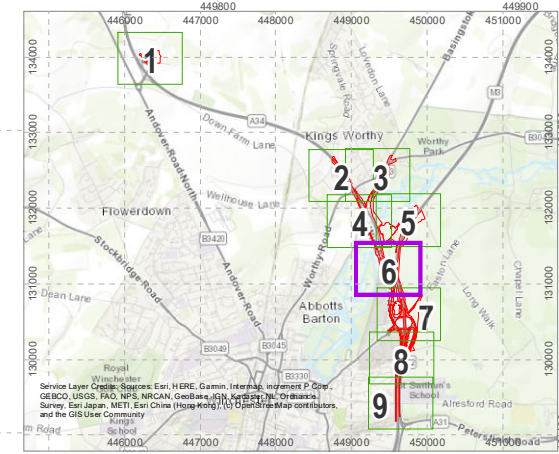
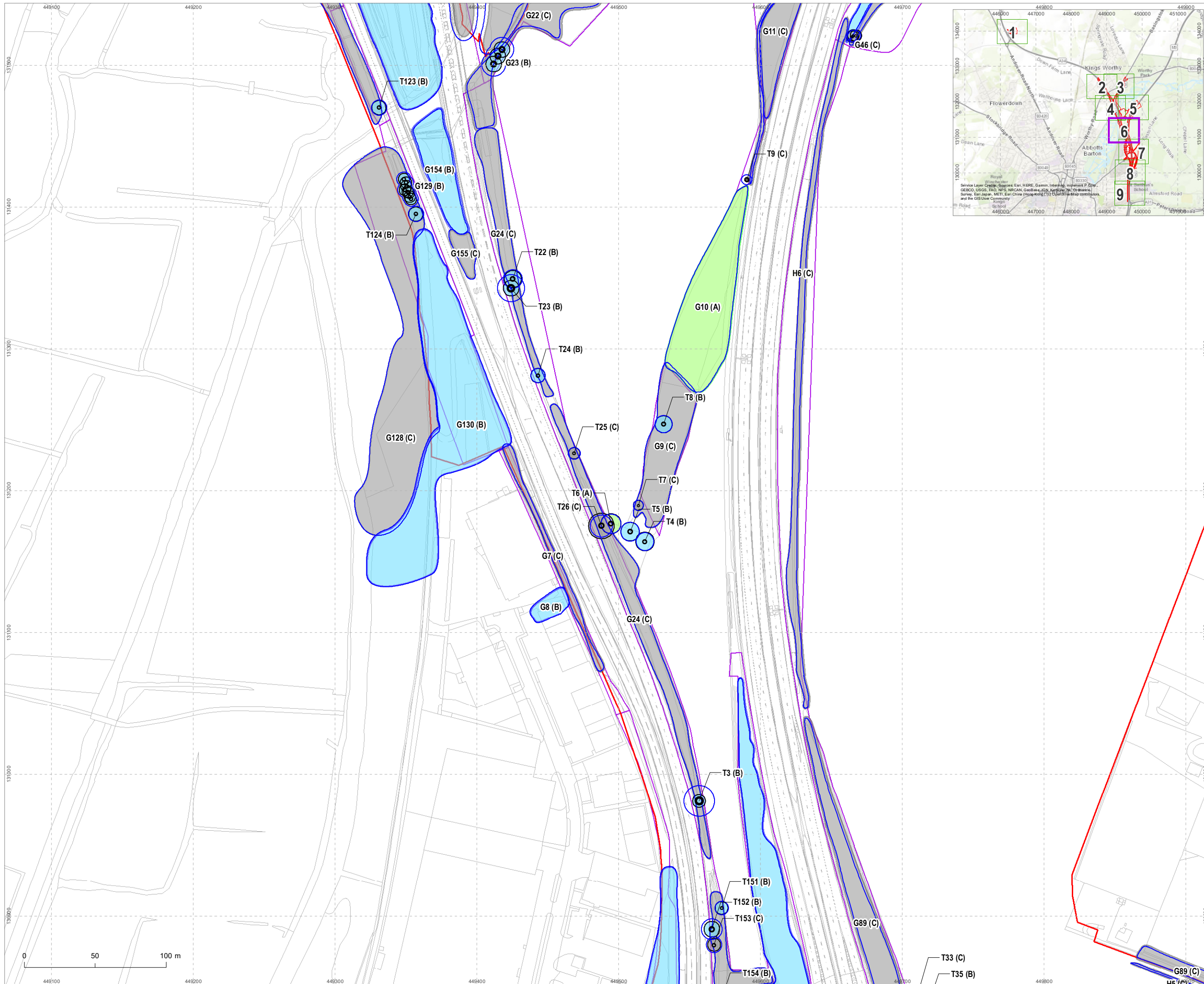
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Project	M3 Junction 9
Drawing	Tree Survey Plan - Page 5 of 9
Client	Select Surveys
Drawing Number	HE551511-VFK-VTO-E-M3SB_XX-DR-VT-0005-P02
Revision	P02
Scale @ A3	1:2,500
Date	October 2021
Approved By	DM
Drawn By	RP

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Legend

- Tree location and stem diameter
- Category A
- Category B
- Category C
- Category U
- Current canopy extent
- Root Protection Area
- Newly planted trees
- - - Area subject to Tree Preservation Order (TPO)
- Conservation Area
- Application Boundary
- Survey Area

T - Tree
H - Hedgerow
G - Tree group
W - Woodland

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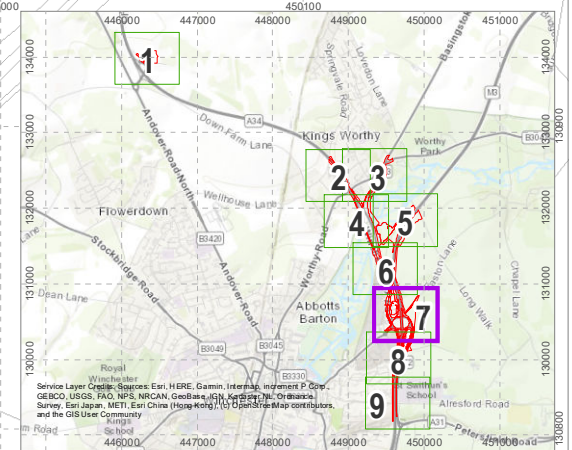
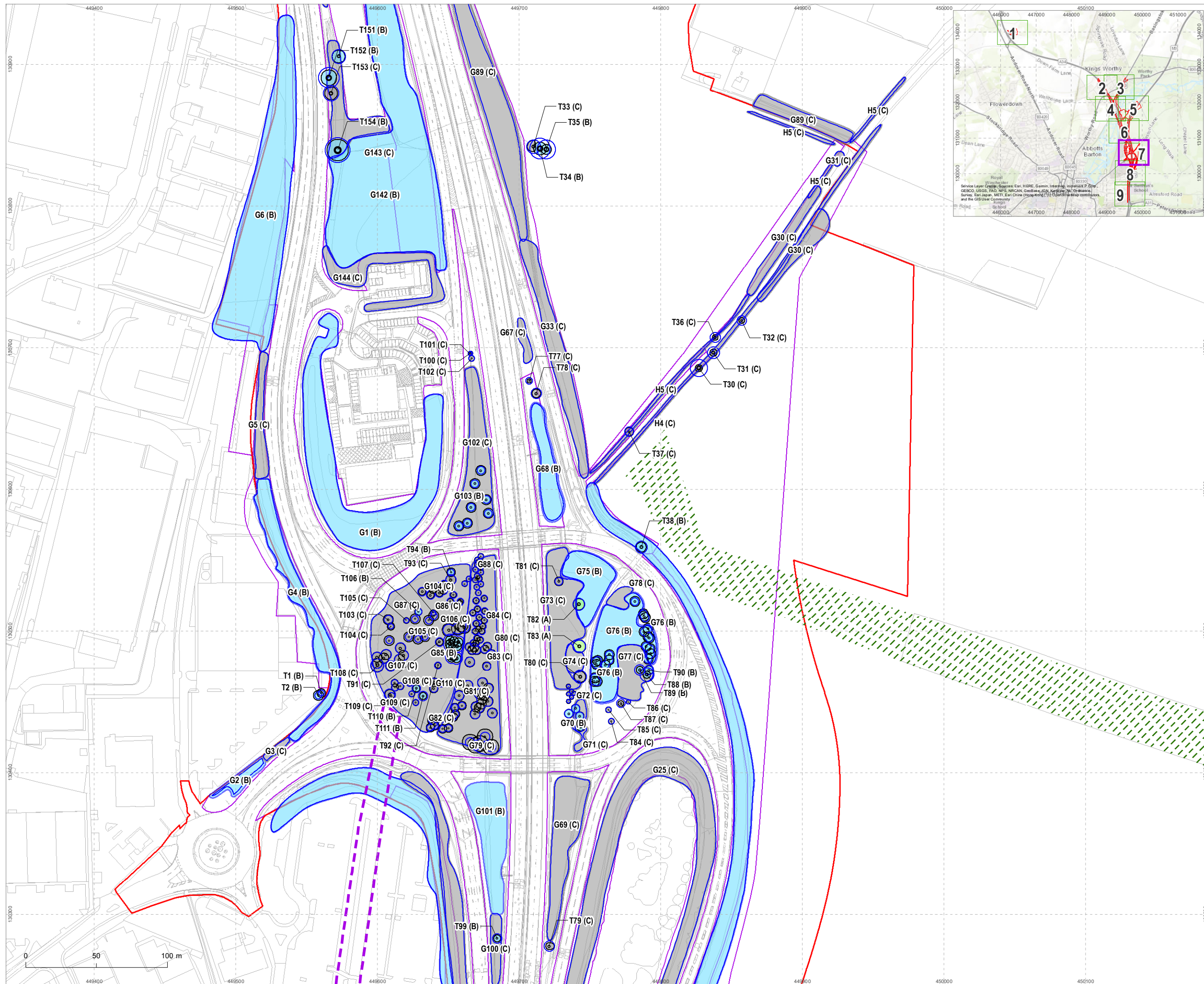
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Project		M3 Junction 9	
Drawing		Tree Survey Plan - Page 6 of 9	
Client		Select Surveys	
Drawing Number	HE551511-VFK-VTO-E-M3SB_XX-DR-VT-0006-P02	Revision	P02
Scale @ A3	1:2,500	Date	October 2021
Approved By	DM	Drawn By	RP

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- Legend**
- Tree location and stem diameter
 - Category A
 - Category B
 - Category C
 - Category U
 - Current canopy extent
 - Root Protection Area
 - Newly planted trees
 - Area subject to Tree Preservation Order (TPO)
 - Conservation Area
 - Application Boundary
 - Survey Area
- T - Tree
H - Hedgerow
G - Tree group
W - Woodland

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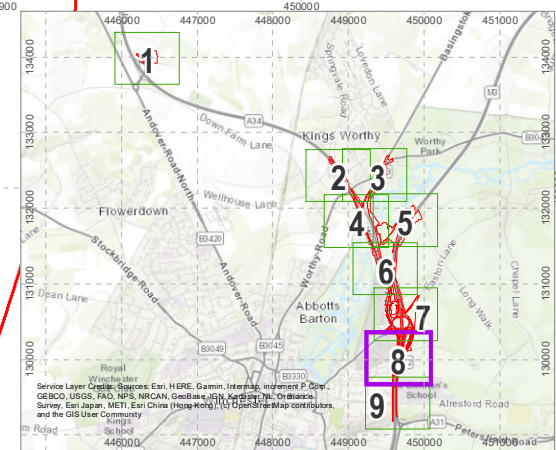
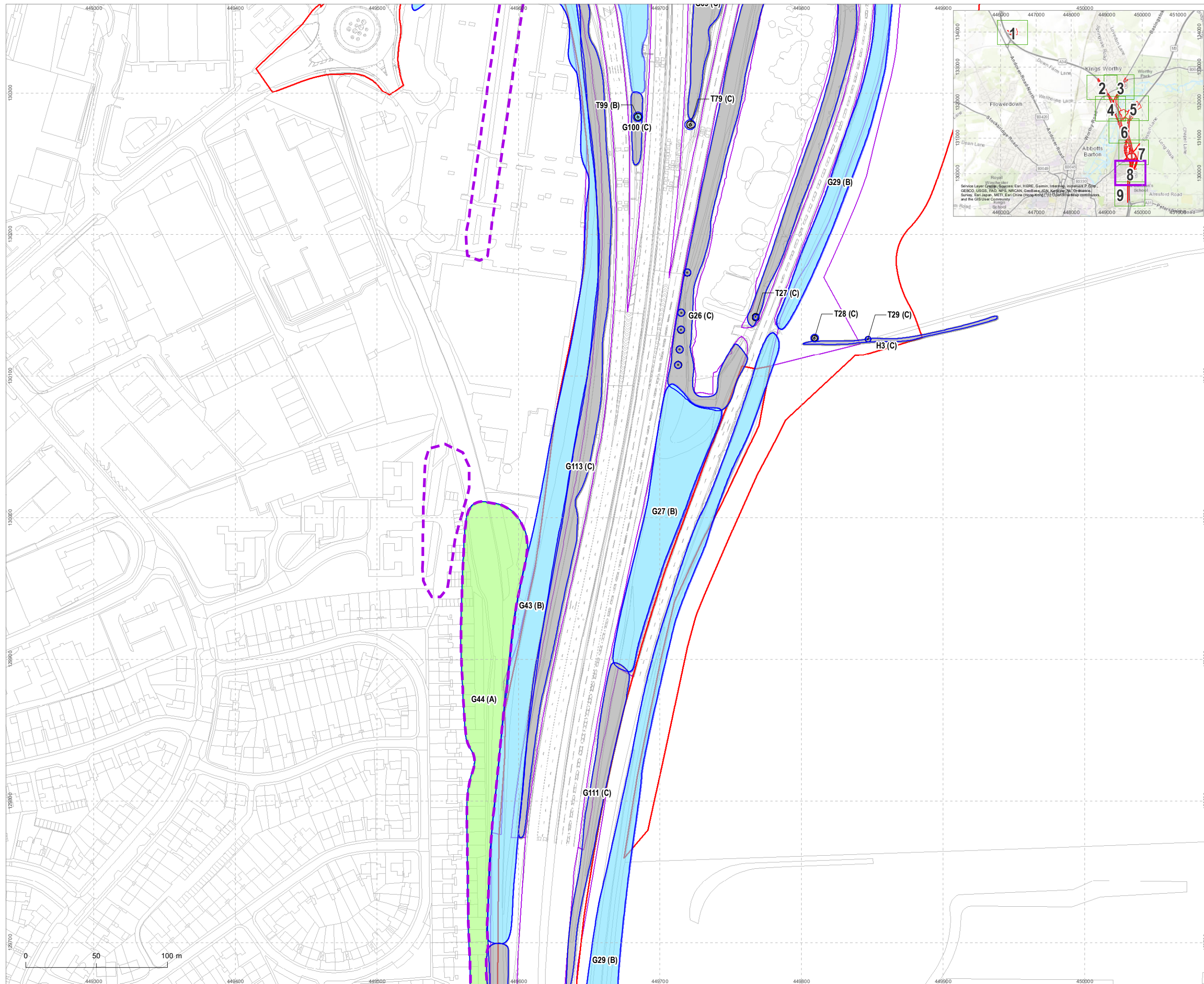
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Project	M3 Junction 9
Drawing	Tree Survey Plan - Page 7 of 9
Client	Select Surveys
Drawing Number	HE551511-VFK-VTO-E-M3SB_XX-DR-VT-0007-P02
Revision	P02
Scale @ A3	1:2,500
Date	October 2021
Approved By	DM
Drawn By	RP

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- Legend**
- Tree location and stem diameter
 - Category A
 - Category B
 - Category C
 - Category U
 - Current canopy extent
 - Root Protection Area
 - Newly planted trees
 - Area subject to Tree Preservation Order (TPO)
 - Conservation Area
 - Application Boundary
 - Survey Area
- T - Tree
H - Hedgerow
G - Tree group
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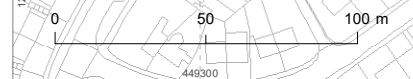
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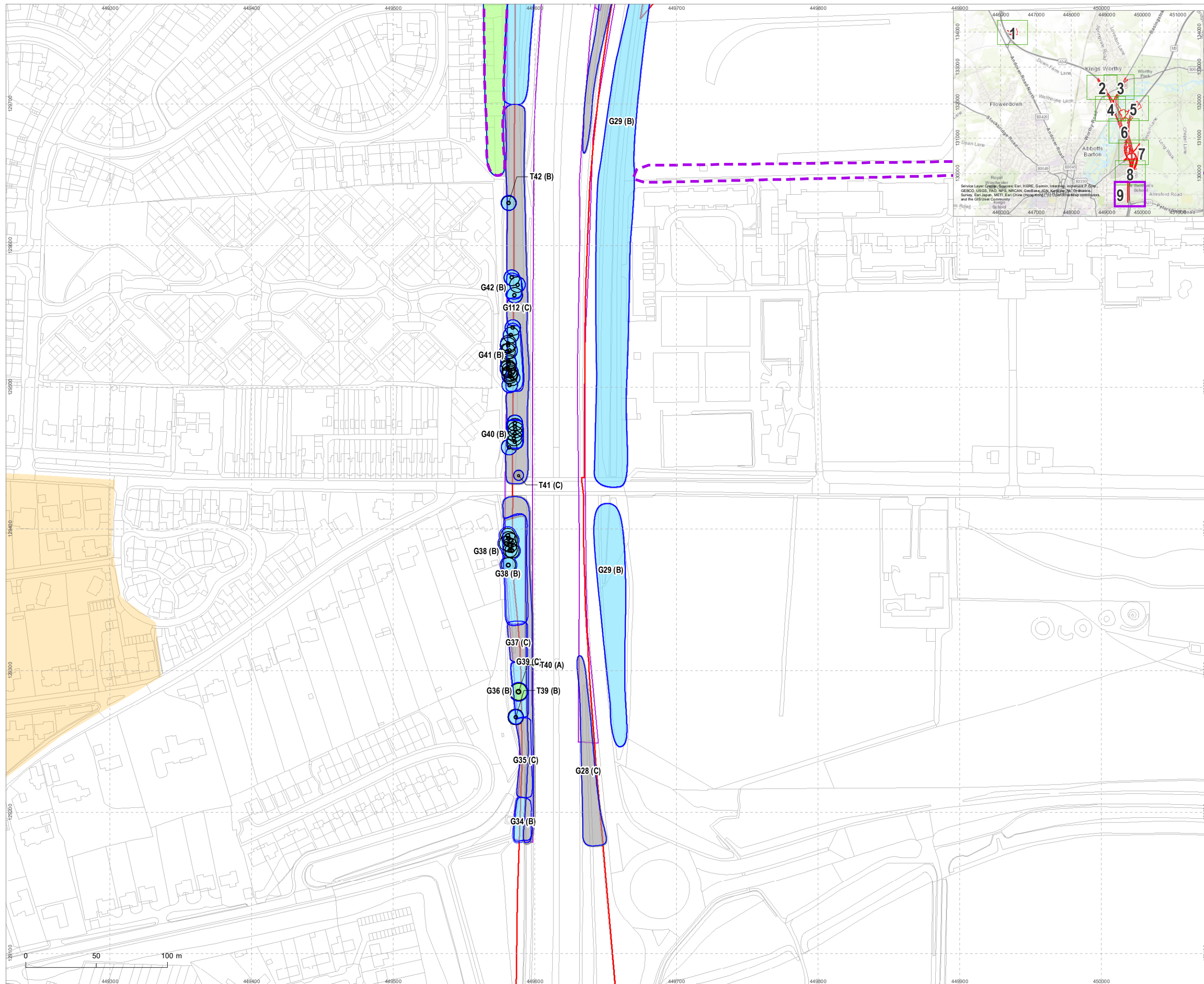
Project	M3 Junction 9	
Drawing	Tree Survey Plan - Page 8 of 9	
Client	Select Surveys	
Drawing Number	HE551511-VFK-VTO-E-M3SB_XX-DR-VT-0008-P02	Revision
		P02
Scale @ A3	1:2,500	Date
		October 2021
Approved By	DM	Drawn By
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Legend

- Tree location and stem diameter
- Category A
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- Category C
- Category U
- Current canopy extent
- Root Protection Area
- Newly planted trees
- Area subject to Tree Preservation Order (TPO)
- Conservation Area
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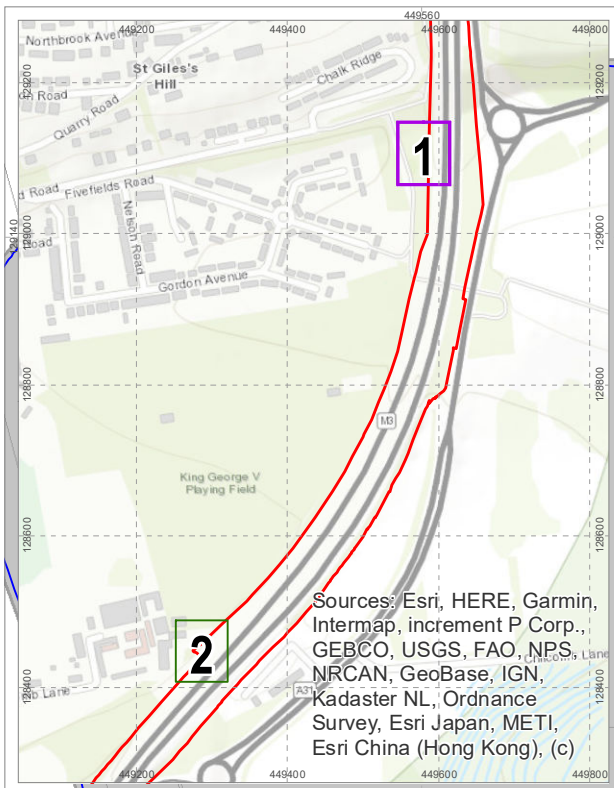
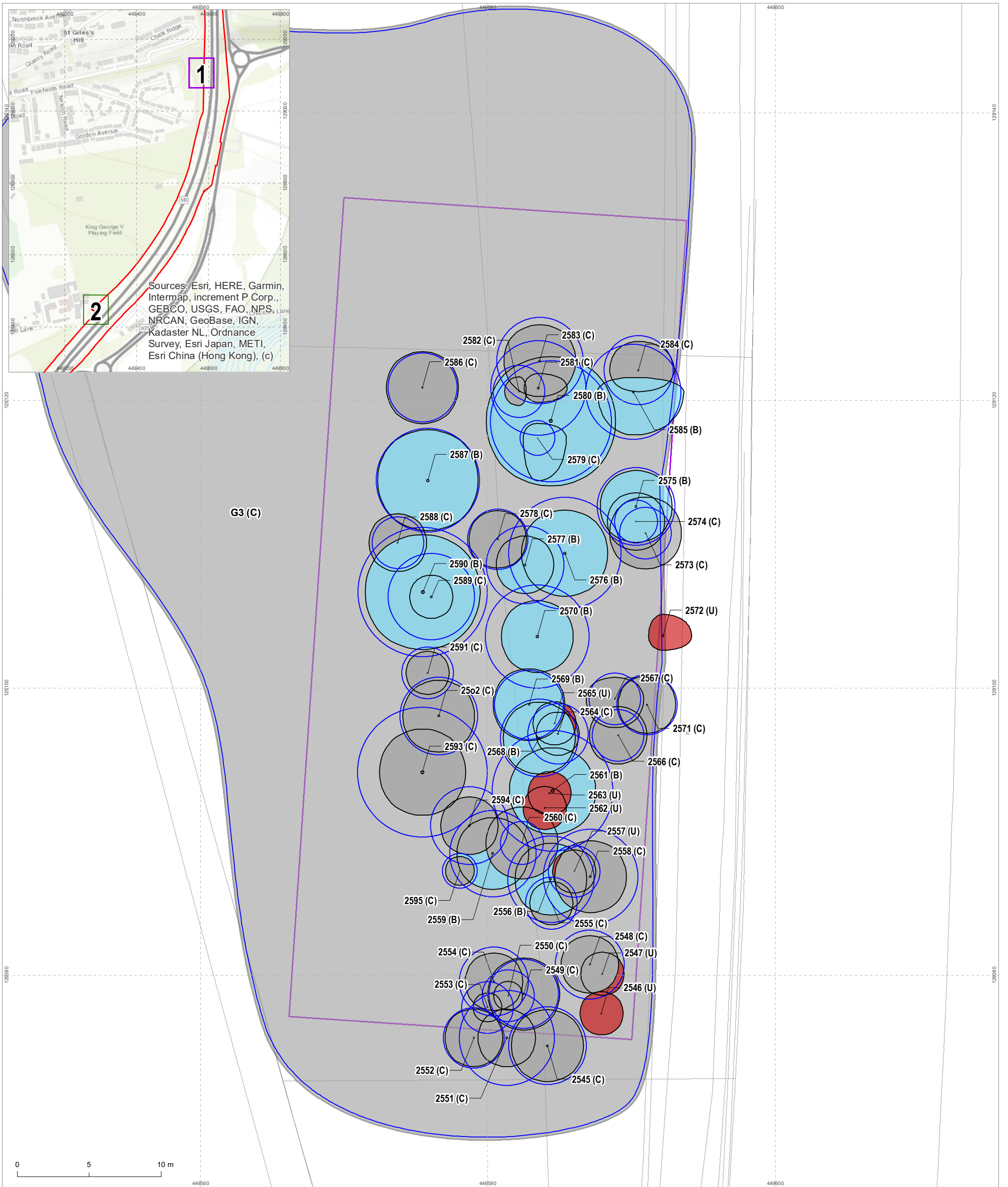
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Project	M3 Junction 9
Drawing	Tree Survey Plan - Page 9 of 9
Client	Select Surveys
Drawing Number HE551511-VFK-VTO-E-M3SB_XX-DR-VT-0009-P02	Revision P02
Scale @ A3 1:2,500	Date October 2021
Approved By DM	Drawn By RP

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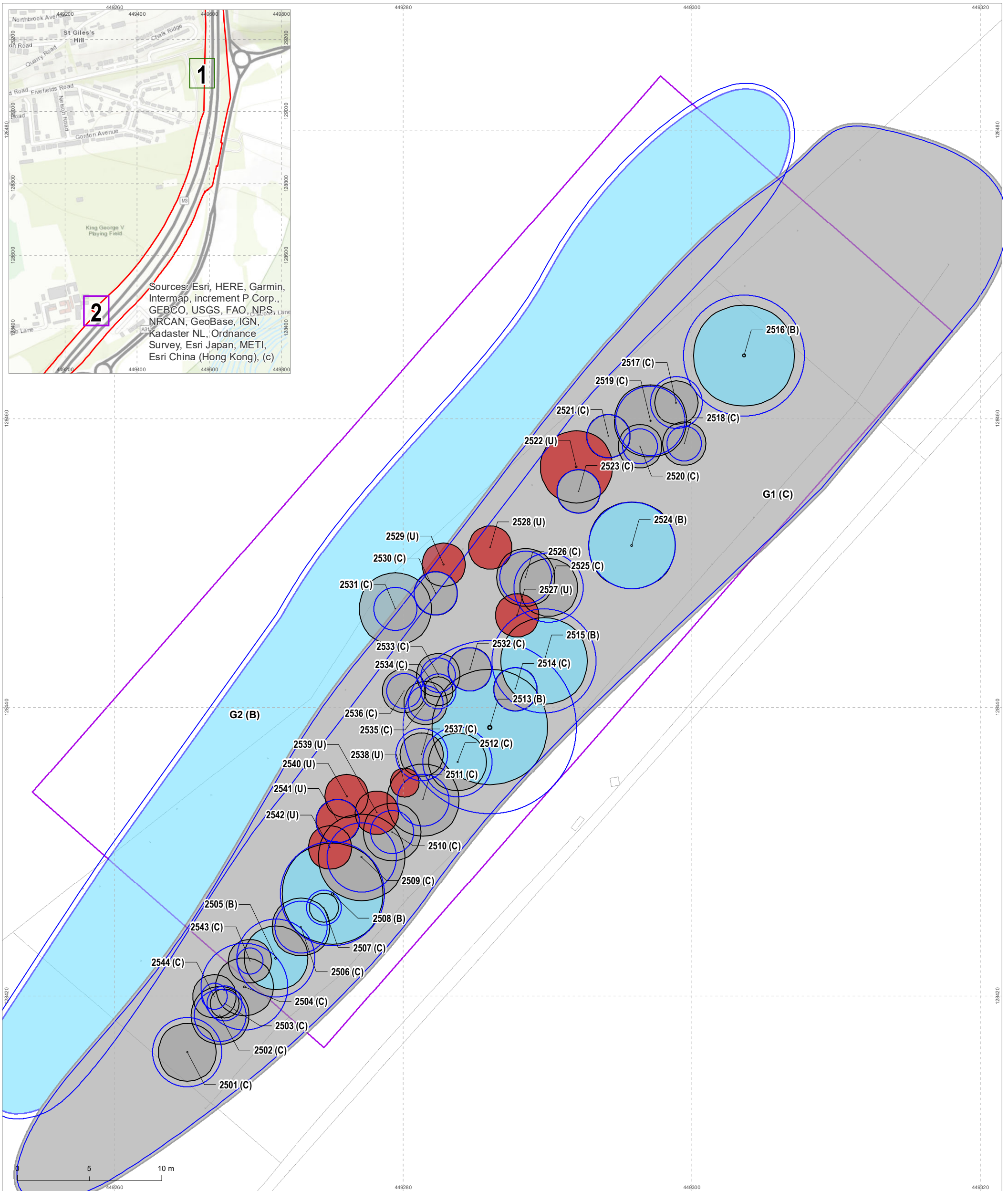
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- Legend**
- Tree location and stem diameter
 - Category B
 - Category C
 - Category U
 - Current canopy extent
 - Root Protection Area
 - Survey Area

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Project M3, Junction 9 Improvement Scheme	
Drawing Tree Survey Plan - Page 1 of 2	
Client Select Surveys	
Drawing Number HE561511-VFK-VTO-E-M3SB_XX-DR-VT-0022-P01	Revision 00
Scale @ A3 1:250	Date May 2022
Approved By DM	Drawn By RP
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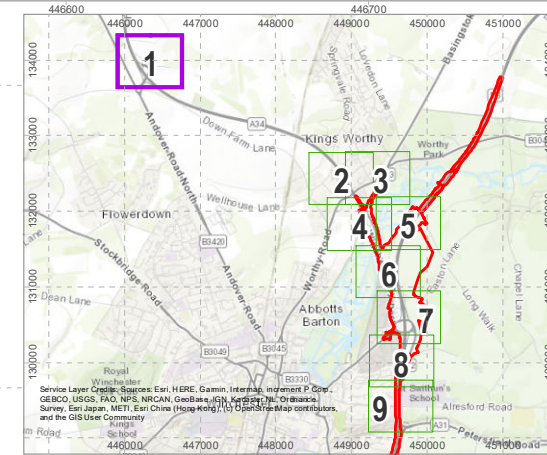
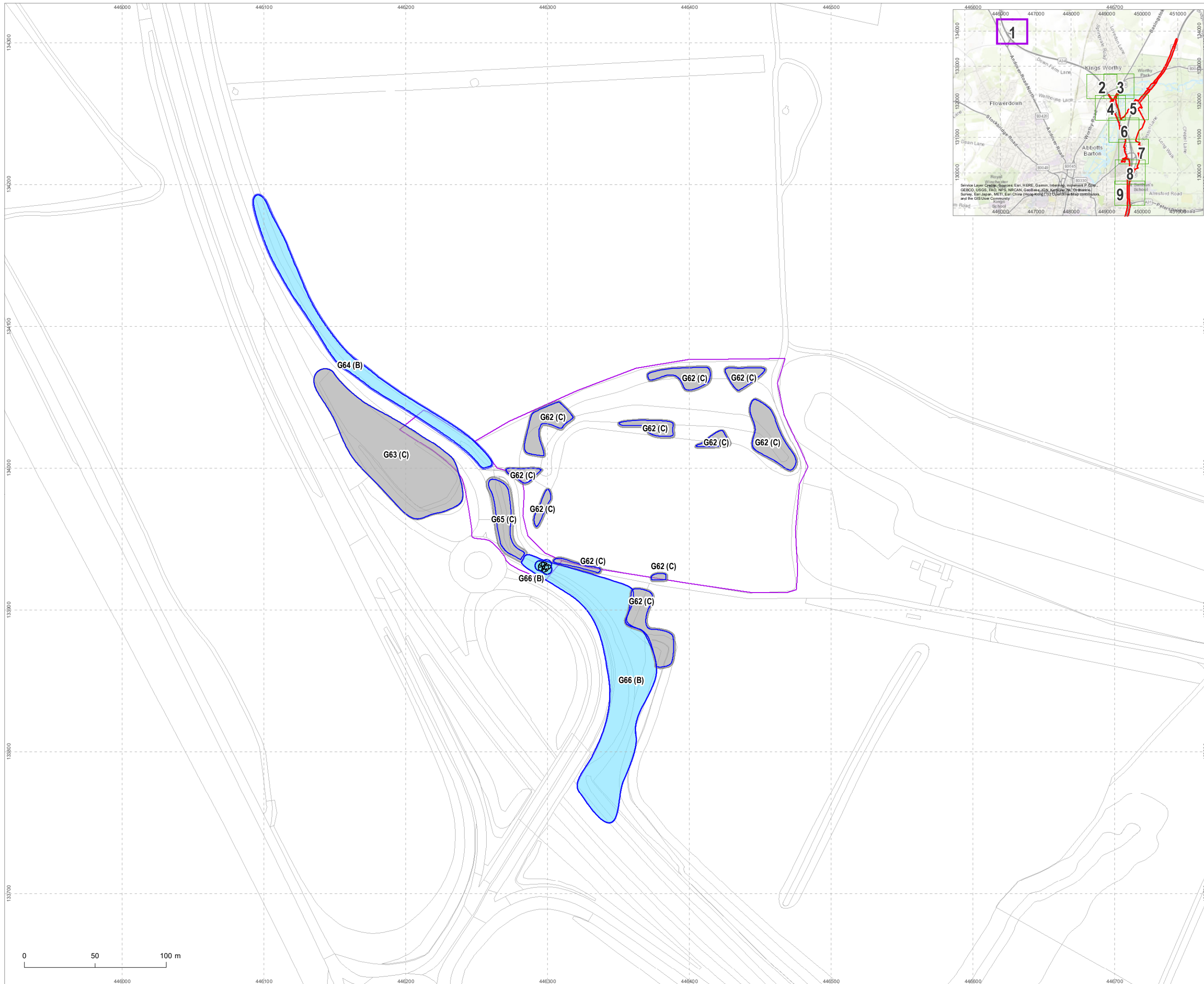
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- Legend**
- Tree location and stem diameter
 - Category B
 - Category C
 - Category U
 - Current canopy extent
 - Root Protection Area
 - Survey Area

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Project M3, Junction 9 Improvement Scheme	
Drawing Tree Survey Plan - Page 2 of 2	
Client Select Surveys	
Drawing Number HE561511-VFK-VTO-E-M3SB_XX-DR-VT-0023-P01	Revision 00
Scale @ A3 1:250	Date May 2022
Approved By DM	Drawn By RP
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- Legend**
- Tree location and stem diameter
 - Category A - to be retained
 - Category B - to be retained
 - Category C - to be retained
 - Current canopy - tree to be removed
 - Current canopy - tree to be retained
 - Root protection area
 - Extent of tree removal
 - Extent of tree group removal
 - Newly planted trees to be retained
 - Application Boundary
 - Survey Area
 - Proposed site layout

T - Tree
H - Hedgerow
G - Tree group
W - Woodland

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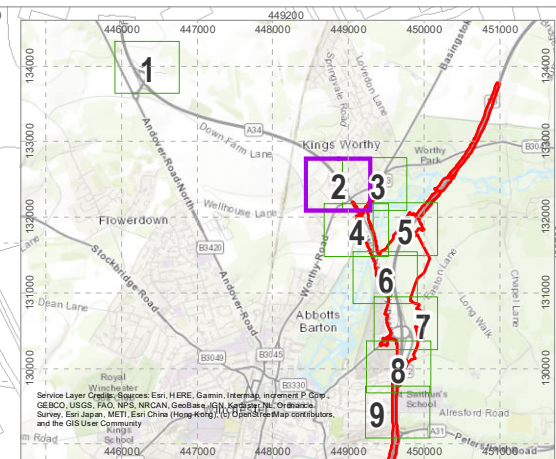
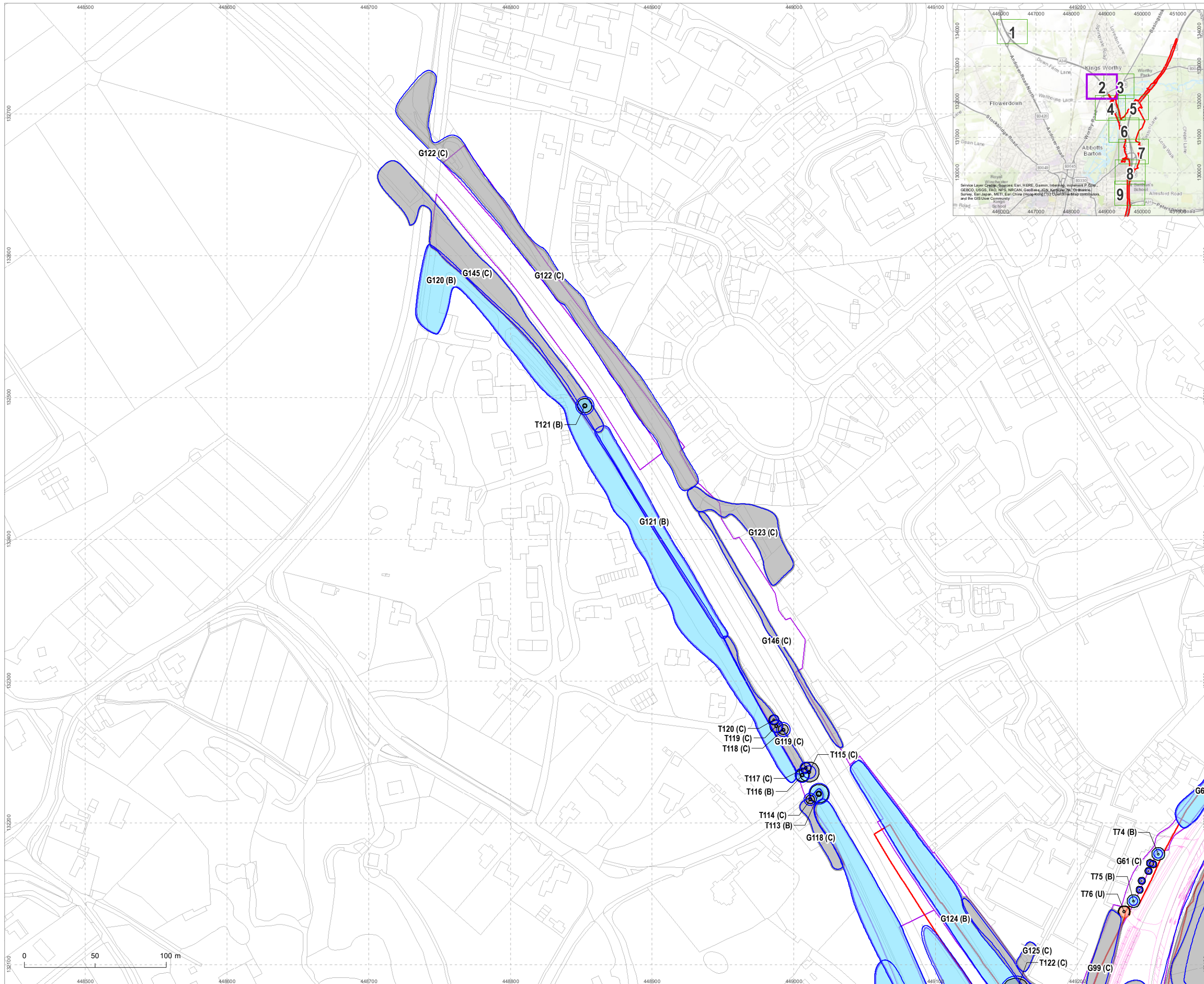
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Project	M3 Junction 9
Drawing	Tree Retention Plan - Page 1 of 9
Client	Select Surveys
Drawing Number	HE551511-VFK-VTO-E-M3SB_XX-DR-VT-0010-P02
Revision	P02
Scale @ A3	1:2,500
Date	October 2021
Approved By	DM
Drawn By	RP

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- Legend**
- Tree location and stem diameter
 - Category A - to be retained
 - Category B - to be retained
 - Category C - to be retained
 - Current canopy - tree to be removed
 - Current canopy - tree to be retained
 - Root protection area
 - Extent of tree removal
 - Extent of tree group removal
 - Newly planted trees to be retained
 - Application Boundary
 - Survey Area
 - Proposed site layout

- T - Tree
- H - Hedgerow
- G - Tree group
- W - Woodland

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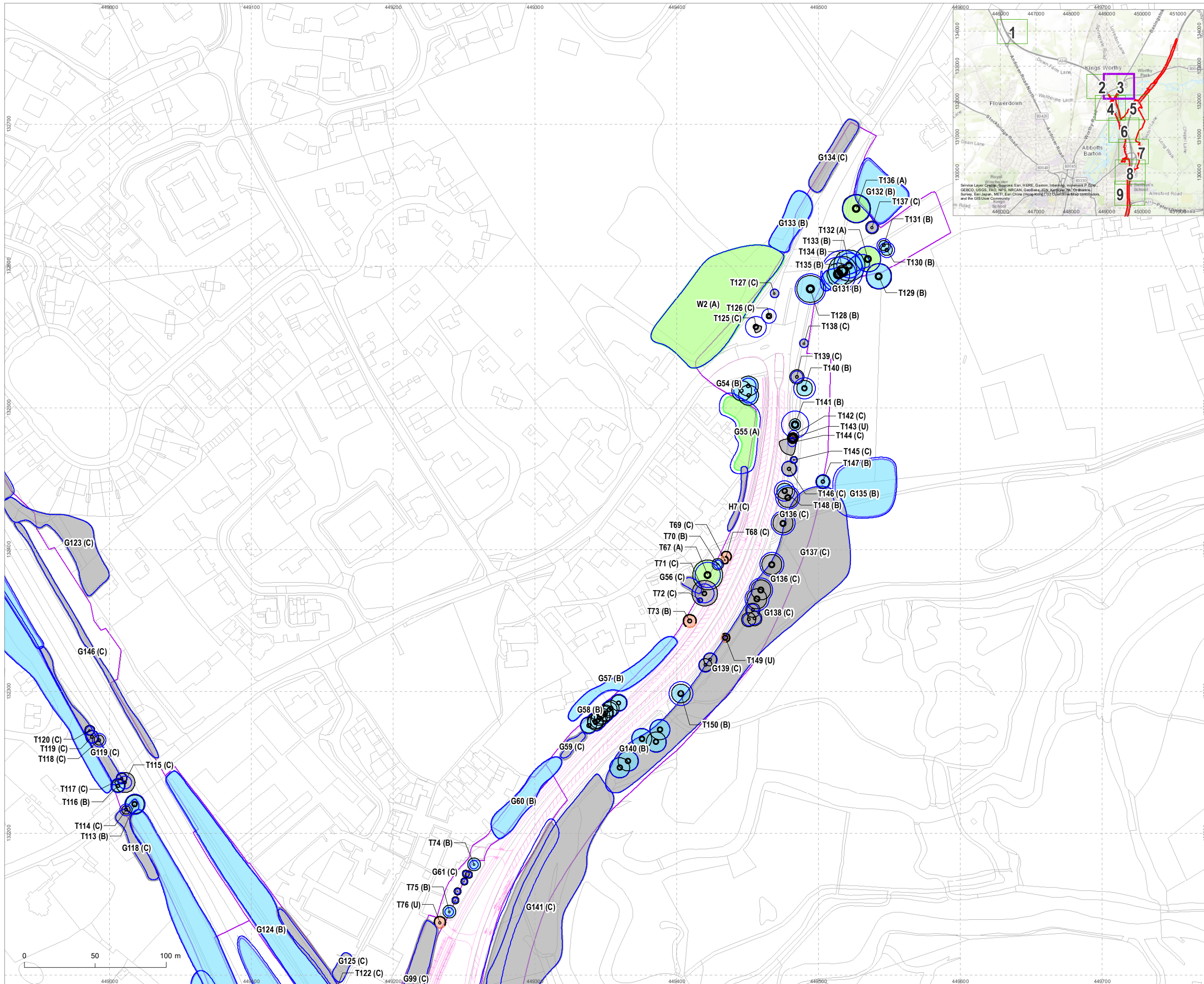
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Project	M3 Junction 9
Drawing	Tree Retention Plan - Page 2 of 9
Client	Select Surveys
Drawing Number	HE551511-VFK-VTO-E-M3SB_XX-DR-VT-0011-P02
Revision	P02
Scale @ A3	1:2,500
Date	October 2021
Approved By	DM
Drawn By	RP

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Legend

- Tree location and stem diameter
- Category A - to be retained
- Category B - to be retained
- Category C - to be retained
- Current canopy - tree to be removed
- Current canopy - tree to be retained
- Root protection area
- Extent of tree removal
- Extent of tree group removal
- Newly planted trees to be retained
- Survey Area
- Proposed site layout

T - Tree
 H - Hedgerow
 G - Tree group
 W - Woodland

NOTES
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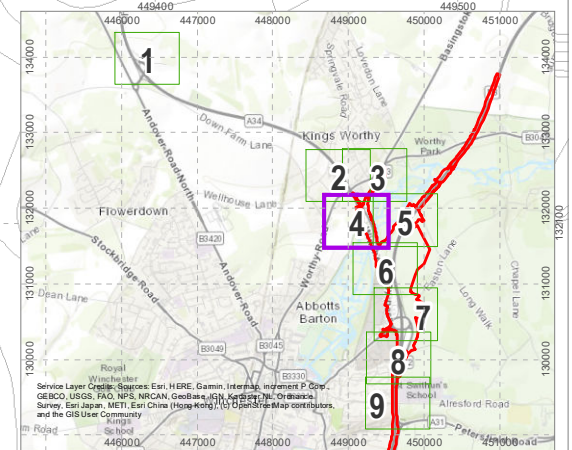
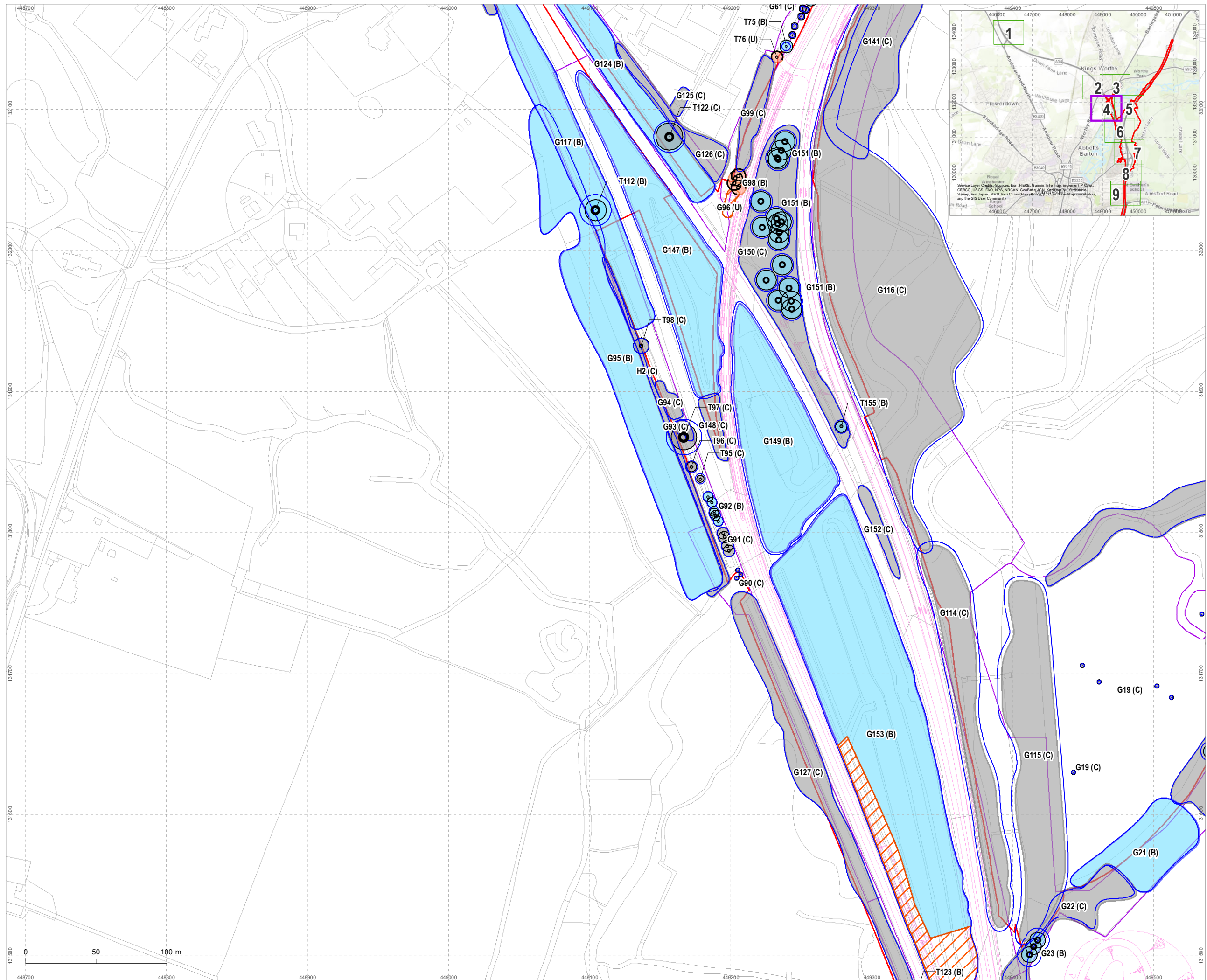
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Project	M3 Junction 9
Drawing	Tree Retention Plan - Page 3 of 9
Client	Select Surveys
Drawing Number	HE551511-VFK-VTO-E-M3SB_XX-DR-VT-0012-P02
Revision	P02
Scale @ A3	1:2,500
Date	October 2021
Approved By	DM
Drawn By	RP

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- Legend**
- Tree location and stem diameter
 - Category A - to be retained
 - Category B - to be retained
 - Category C - to be retained
 - Current canopy - tree to be removed
 - Current canopy - tree to be retained
 - Root protection area
 - Extent of tree removal
 - Extent of tree group removal
 - Newly planted trees to be retained
 - Application Boundary
 - Survey
 - Proposed site layout

- T - Tree
 H - Hedgerow
 G - Tree group
 W - Woodland

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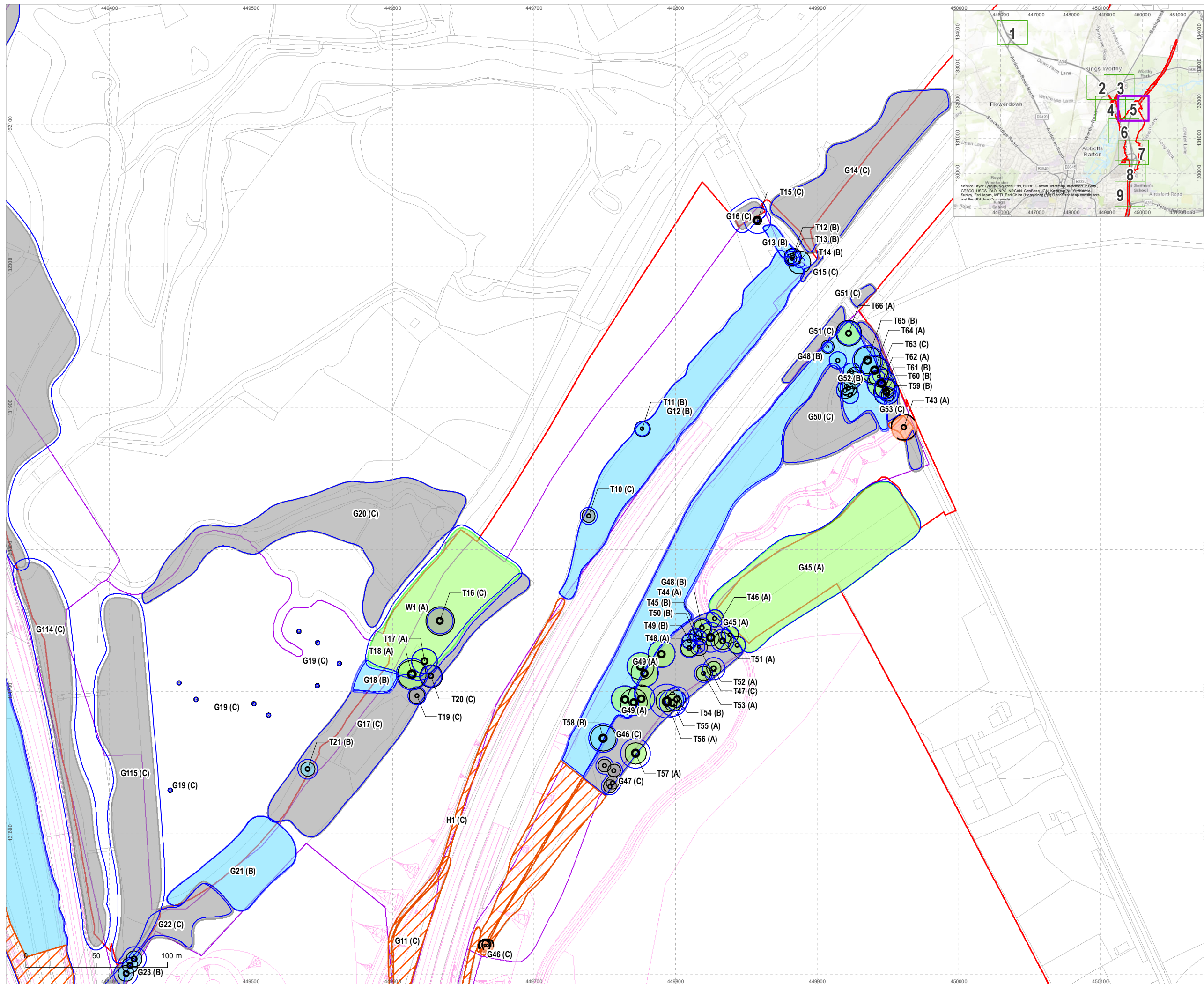
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Project	M3 Junction 9
Drawing	Tree Retention Plan - Page 4 of 9
Client	Select Surveys
Drawing Number	HE551511-VFK-VTO-E-M3SB_XX-DR-VT-0013-P03
Revision	P03
Scale @ A3	1:2,500
Date	October 2021
Approved By	DM
Drawn By	RP

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Legend

- Tree location and stem diameter
- Category A - to be retained
- Category B - to be retained
- Category C - to be retained
- Current canopy - tree to be removed
- Current canopy - tree to be retained
- Root protection area
- Extent of tree removal
- Extent of tree group removal
- Newly planted trees to be retained
- Application Boundary
- Survey Area
- Proposed site layout

T - Tree
H - Hedgerow
G - Tree group
W - Woodland

NOTES

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Project	M3 Junction 9
Drawing	Tree Retention Plan - Page 5 of 9
Client	Select Surveys
Drawing Number	HE551511-VFK-VTO-E-M3SB_XX-DR-VT-0014-P03
Revision	P03
Scale @ A3	1:2,500
Date	October 2021
Approved By	DM
Drawn By	RP

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Legend

- Tree location and stem diameter
- Category A - to be retained
- Category B - to be retained
- Category C - to be retained
- Current canopy - tree to be removed
- Current canopy - tree to be retained
- Root protection area
- Extent of tree removal
- Extent of tree group removal
- Newly planted trees to be retained
- Application Boundary
- Survey Area
- Proposed site layout

T - Tree
 H - Hedgerow
 G - Tree group
 W - Woodland

NOTES
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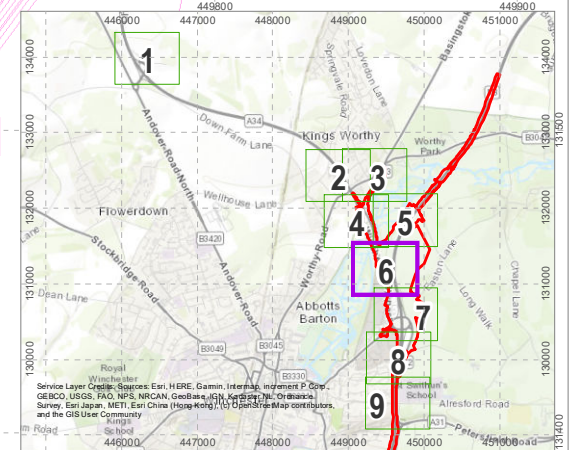
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Project		M3 Junction 9	
Drawing		Tree Retention Plan - Page 6 of 9	
Client		Select Surveys	
Drawing Number	Revision	P04	
HE551511-VFK-VTO-E-M3SB_XX-DR-VT-0015-P04			
Scale @ A3	Date	October 2021	
1:2,500			
Approved By	Drawn By	RP	
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Legend

- Tree location and stem diameter
- Category A - to be retained
- Category B - to be retained
- Category C - to be retained
- Current canopy - tree to be removed
- Current canopy - tree to be retained
- Root Protection Area
- Extent of tree removal
- Extent of tree group removal
- Newly planted trees to be retained
- Tree removal subject to finalised site plans
- Application Boundary
- Survey Area
- Proposed site layout

T - Tree
H - Hedgerow
G - Tree group
W - Woodland

NOTES
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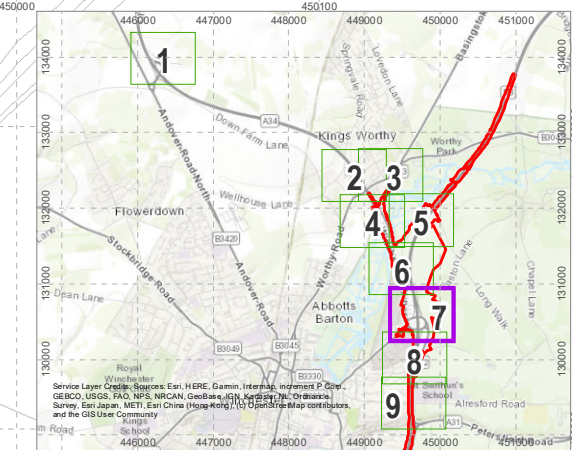
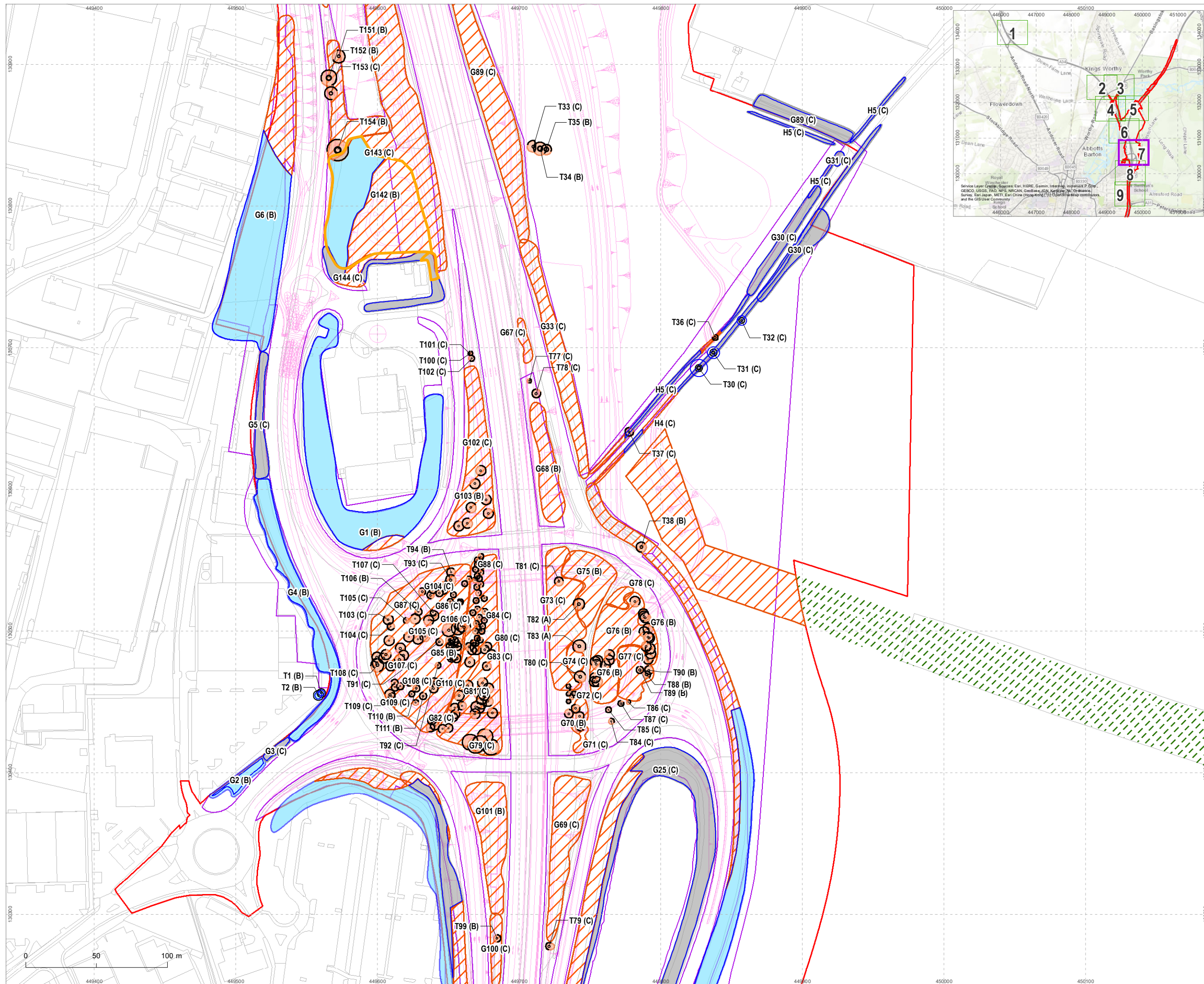
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Project	M3 Junction 9
Drawing	Tree Retention Plan - Page 7 of 9
Client	Select Surveys
Drawing Number	HE551511-VFK-VTO-E-M3SB_XX-DR-VT-0016-P06
Revision	P06
Scale @ A3	1:2,500
Date	May 2022
Approved By	DM
Drawn By	RP

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Legend

- Tree location and stem diameter
- Category A - to be retained
- Category B - to be retained
- Category C - to be retained
- Current canopy - tree to be removed
- Current canopy - tree to be retained
- Root Protection Area
- Extent of tree removal
- Extent of tree group removal
- Newly planted trees to be retained
- Application Boundary
- Survey Area
- Proposed site layout

T - Tree
H - Hedgerow
G - Tree group
W - Woodland

NOTES
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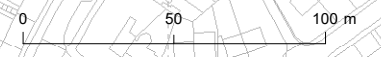
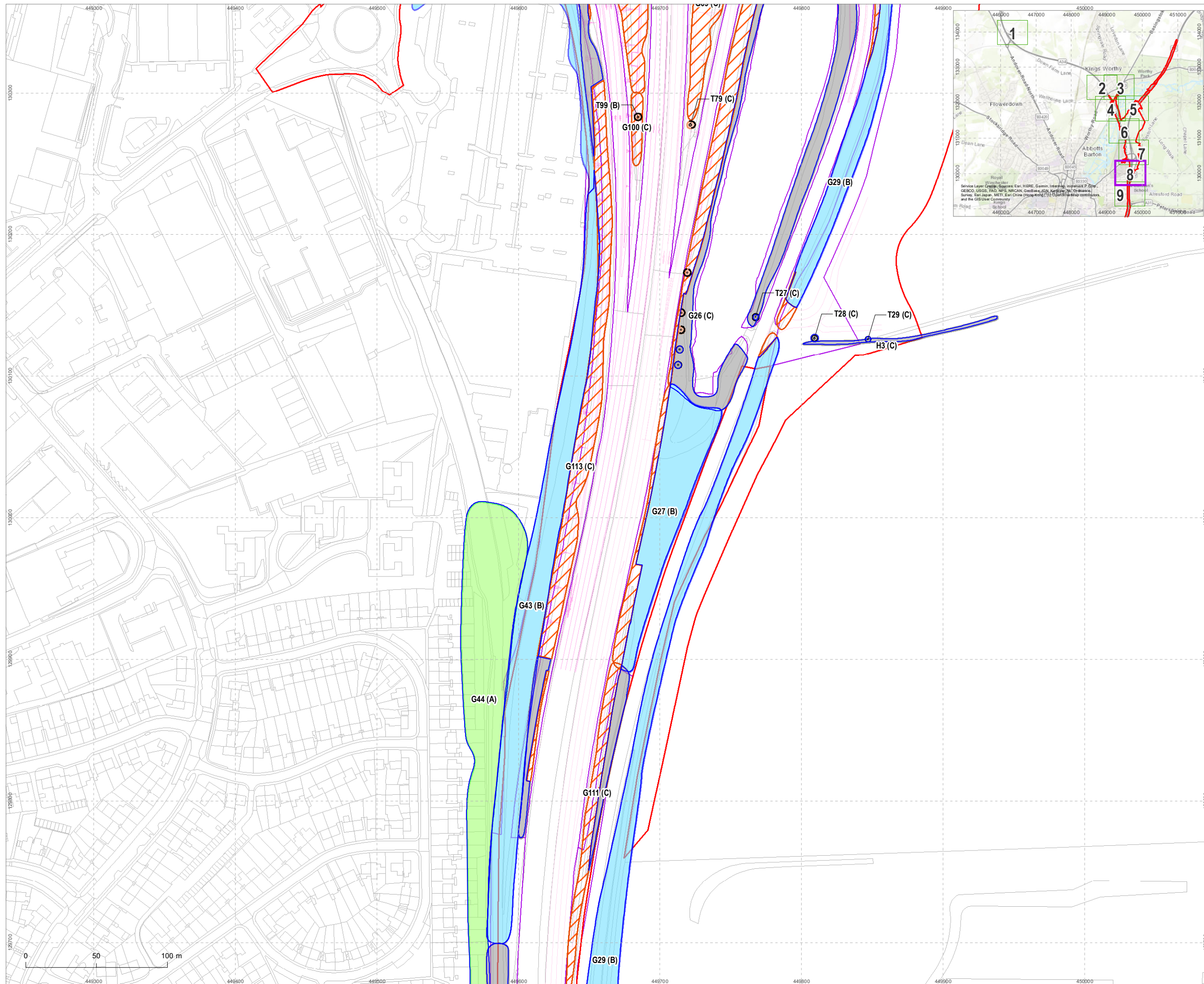


Project	M3 Junction 9		
Drawing	Tree Retention Plan - Page 8 of 9		
Client	Select Surveys		
Drawing Number	HE551511-VFK-VTO-E-M3SB_XX-DR-VT-0017-P06	Revision	P06
Scale @ A3	1:2,500	Date	June 2022
Approved By	DM	Drawn By	RP



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Legend

- Tree location and stem diameter
- Category A - to be retained
- Category B - to be retained
- Category C - to be retained
- Current canopy - tree to be removed
- Current canopy - tree to be retained
- Root Protection
- Extent of tree removal
- Extent of tree group removal
- Newly planted trees to be retained
- Application Boundary
- Survey
- Proposed site layout

T - Tree
 H - Hedgerow
 G - Tree group
 W - Woodland

NOTES
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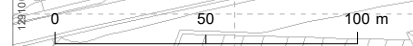
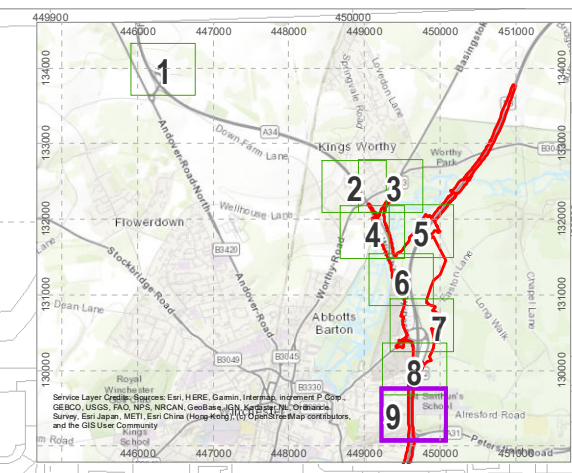
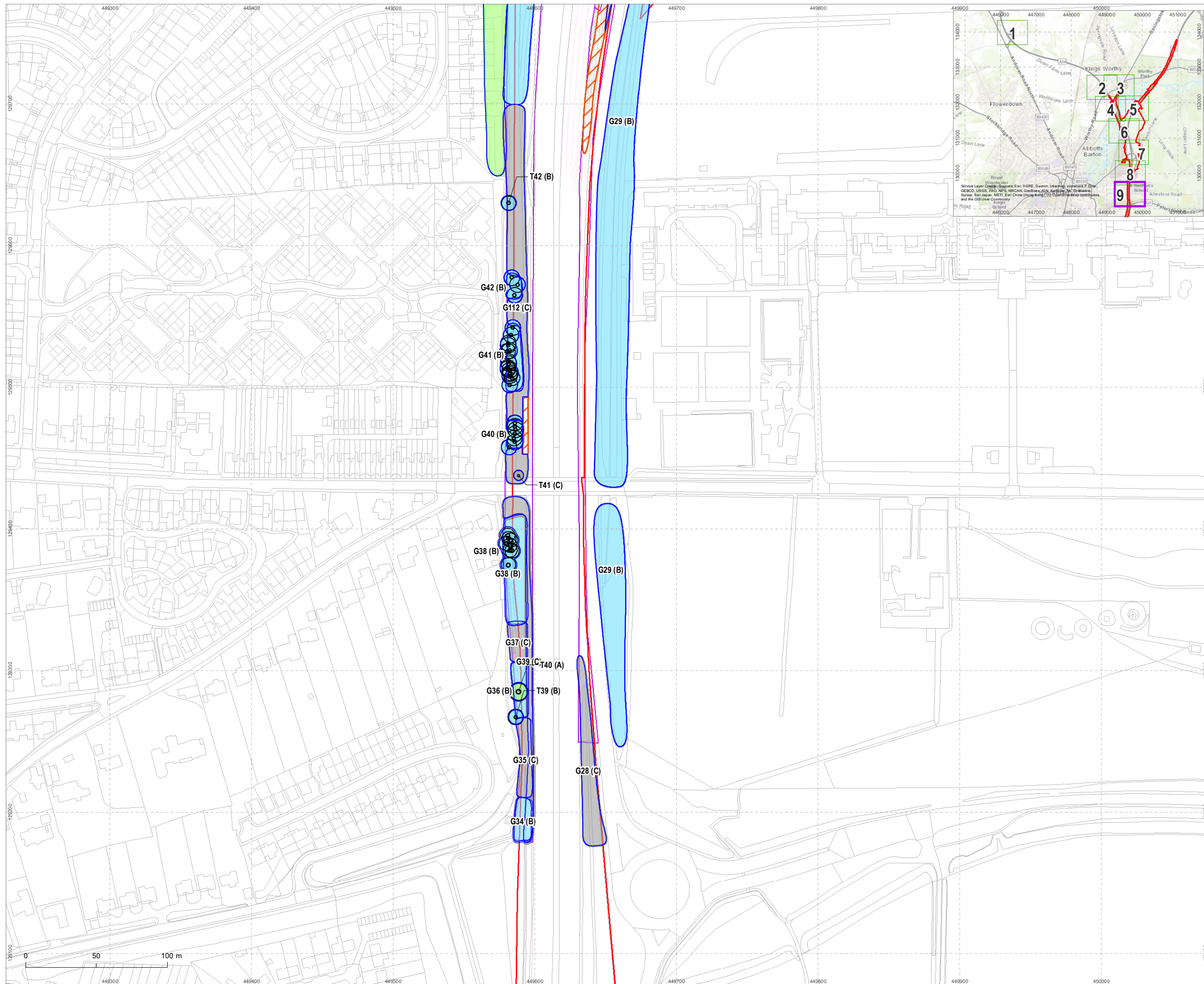


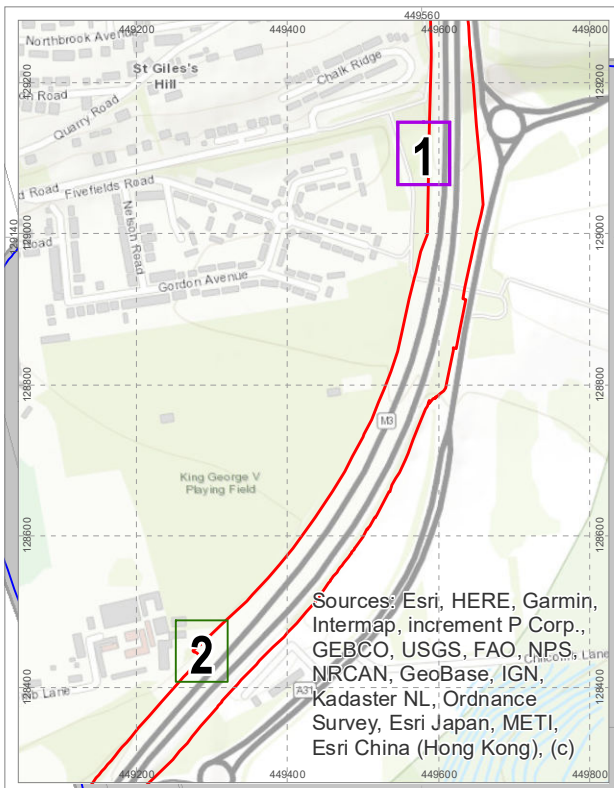
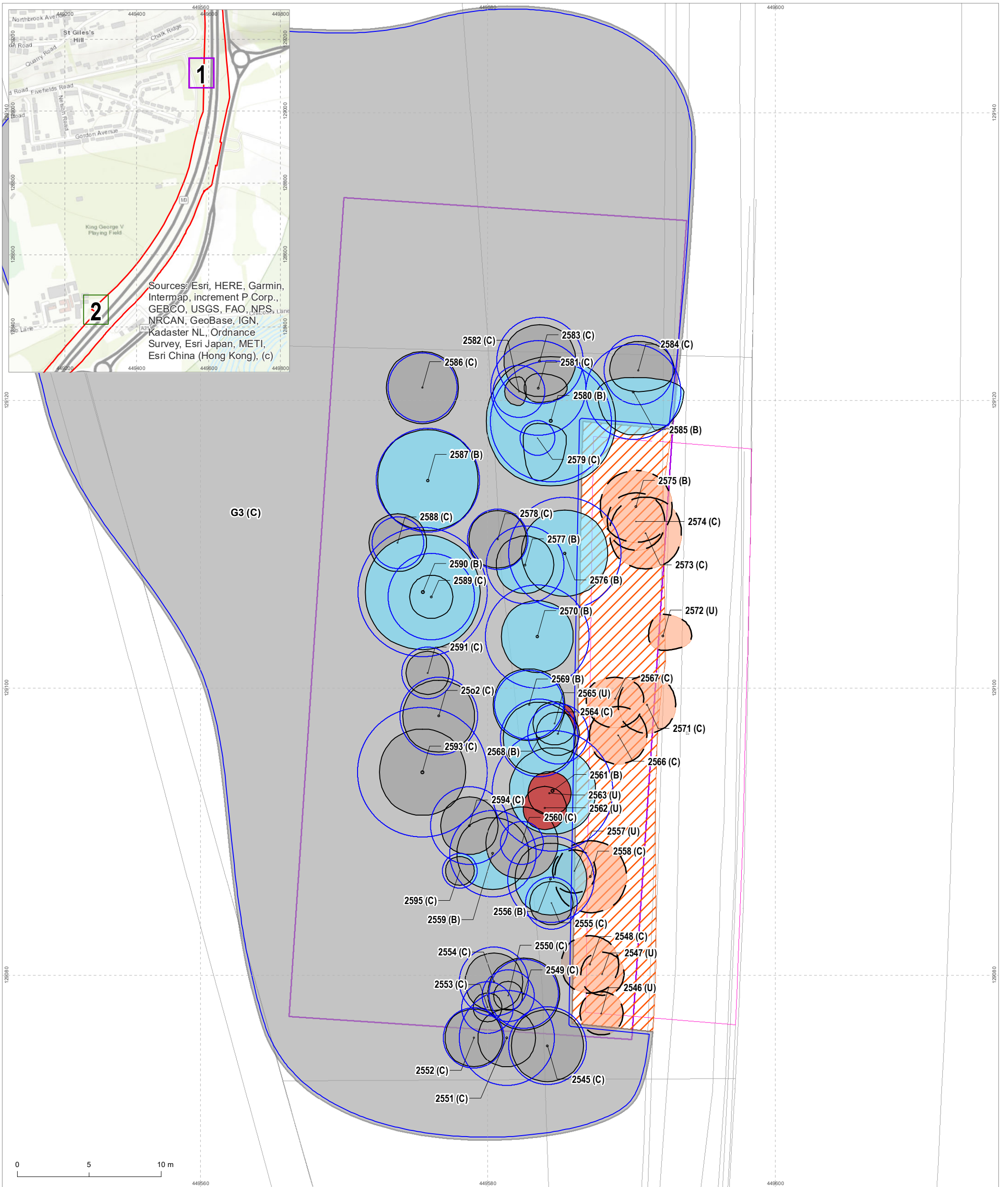
Project	M3 Junction 9
Drawing	Tree Retention Plan - Page 9 of 9
Client	Select Surveys
Drawing Number	HE551511-VFK-VTO-E-M3SB_XX-DR-VT-0018-P06
Revision	P06
Scale @ A3	1:2,500
Date	July 2022
Approved By	DM
Drawn By	RP



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- Legend**
- Tree location and stem diameter
 - Category B - to be retained
 - Category C - to be retained
 - Category U - to be retained
 - Current canopy - tree to be removed
 - Current canopy - tree to be retained
 - Root Protection Area
 - Extent of tree removal
 - Extent of tree group removal
 - Survey Area
 - Extent of proposed works requiring tree removal

NOTES

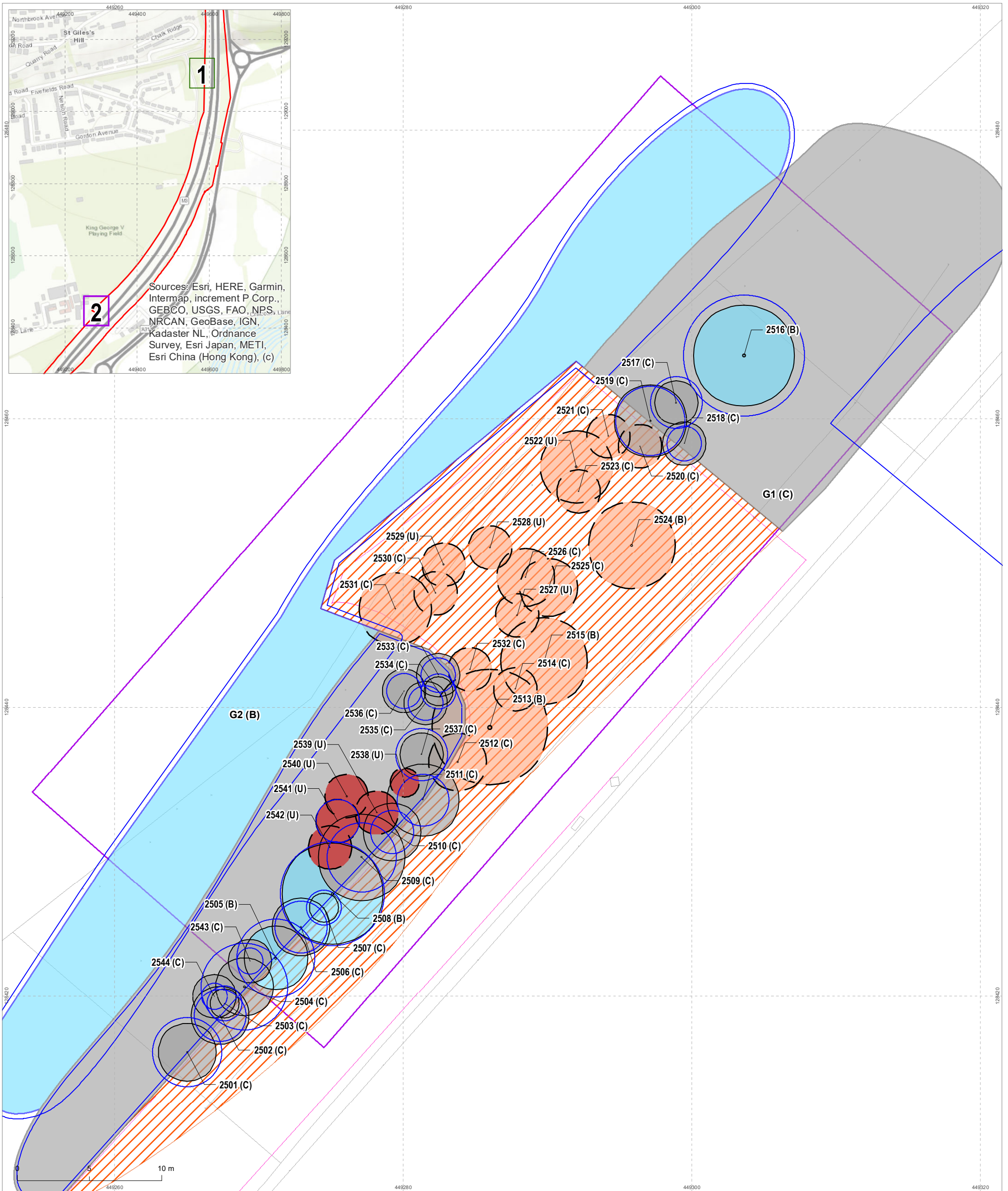
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Project	M3, Junction 9 Improvement Scheme
Drawing	Tree Retention Plan - Page 1 of 2
Client	Select Surveys
Drawing Number	HE561511-VFK-VTO-E-M3SB_XX-DR-VT-0024-P01
Revision	00
Scale @ A3	1:250
Date	May 2022
Approved By	DM
Drawn By	RP
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- Legend**
- Tree location and stem diameter
 - Category B - to be retained
 - Category C - to be retained
 - Category U - to be retained
 - Current canopy - tree to be removed
 - Current canopy - tree to be retained
 - Root Protection Area
 - Extent of tree removal
 - Extent of tree group removal
 - Survey Area
 - Extent of proposed works requiring tree removal

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Project M3, Junction 9 Improvement Scheme	
Drawing Tree Retention Plan - Page 2 of 2	
Client Select Surveys	
Drawing Number HE561511-VFK-VTO-E-M3SB_XX-DR-VT-0025-P01	Revision 00
Scale @ A3 1:250	Date May 2022
Approved By DM	Drawn By RP
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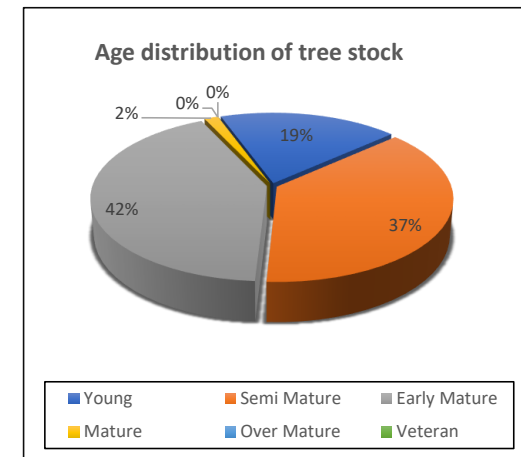
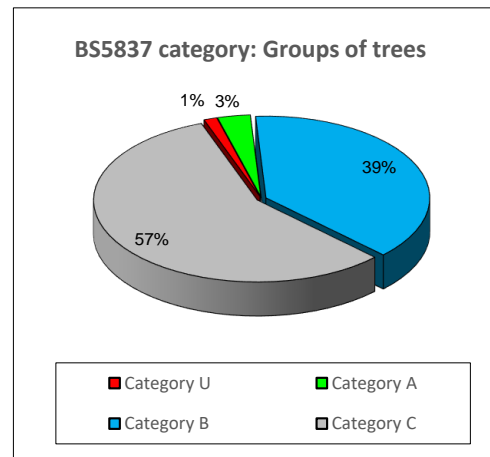
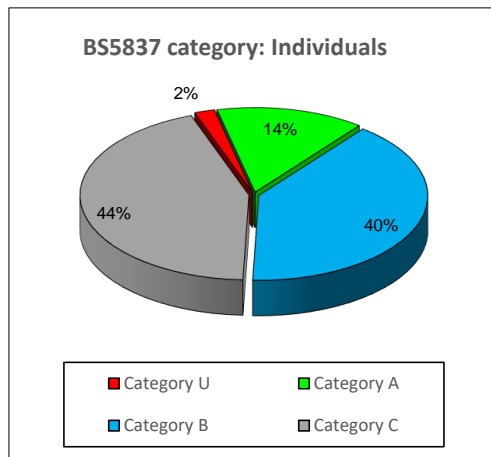
HE561511-VFK-VTO-E-M3SB_XX-DR-VT-0025-P01

Appendix A - Tree Schedule

Measurements	Age Class	Overall Condition	Root Protection Area (RPA)
Height - estimated from ground level (m).	YNG: Young trees up to ten years of age.	G - Good: Trees with only a few minor defects and in good overall health needing little, if any attention.	<ul style="list-style-type: none"> • The RPA column gives the required area (m²). • The RPA Radius column gives the radius (m) of an equivalent circle. • The RPA is calculated using the formulae described in paragraph 4.6.1 of British Standard 5837: 2012 and is indicative of the required rooting area in order for a tree to be retained.
Stem Dia. - Diameter measured (mm) in accordance with Annex C of the BS5837.	SM: Semi-mature, trees less than 1/3 life expectancy.	F - Fair: Trees with minor, but rectifiable, defects or in the early stages of stress from which it may recover.	
Crown - crown spread estimated radially from the main stem (m).	EM: Early mature, trees 1/3 – 2/3 life expectancy.	P - Poor: Trees with major structural and/or physiological defects such that it is unlikely the tree will recover in the long term.	
Abbreviations Est - Estimated stem diameter Avg - Average stem diameter Max - Maximum stem diameter	M: Mature trees, over 2/3 life expectancy.	D - Dead: Trees no longer alive. This could also apply to trees that are dying and unlikely to recover.	
	OM: Over mature, declining or moribund trees of low vigour.	In the assessment, of the BS category, particular consideration has been given to the following <ul style="list-style-type: none"> • The health, vigour and condition of each tree • The presence of any structural defects in each tree and its future life expectancy • The size and form of each tree and its suitability within the context of a proposed development • The location of each tree relative to existing site features e.g. its screening value or landscape features 	
	V: Veteran, tree possessing certain attributes relating to veteran trees.	<ul style="list-style-type: none"> • Age class • Life expectancy 	

Structural Condition
<p>The following has been considered when inspecting structural condition:</p> <ul style="list-style-type: none"> • The presence of fungal fruiting bodies around the base of the tree or on the stem, as they could possibly indicate the presence of possible internal decay. • Soil cracks and any heaving of the soil around the base. • Any abrupt bends in branches and limbs resulting from past pruning. • Tight or weak 'V' shaped forks and co-dominant stems. • Hazard beam formations and other such biomechanical related defects (as described by Claus Mattheck, Body Language of Trees HMSO Research for Amenity Trees No. 4 1994). • Cavities as a result of limb losses or past pruning. • Broken branches or storm damage. • Canker formations. • Loose or flaking bark. • Damage to roots. • Basal, stem or branch / limb cavities. • Crown die-back or abnormal foliage size and colour. • Any changes to the timing of normal leaf flush and leaf fall patterns.

Quality Assessment of Retention Category
<p>Category U - Trees in such a condition that they cannot realistically be retained as living trees in the context of the current land use for longer than 10 years.</p>
<p>Category A - Trees of high quality with an estimated remaining life expectancy of at least 40 years.</p>
<p>Category B - Trees of moderate quality with an estimated remaining life expectancy of at least 20 years.</p>
<p>Category C - Trees of low quality with an estimated remaining life expectancy of at least 10 years, or young trees with a stem diameter below 150mm.</p>
<p>Sub-categories: (i) - Mainly arboricultural value (ii) - Mainly landscape value (iii) - Mainly cultural or conservation value</p>



Appendix A - Summary

	Individual Trees	Totals	Tree Groups	Totals
Category U	T76, T143, T149	3	G59, G96	2
Category A	T6, T17, T18, T40, T43, T44, T46, T48, T51, T52, T53, T55, T56, T57, T62, T64, T66, T67, T82, T83, T132, T136	22	G10, G44, G45, G49, G55	5
Category B	T1, T2, T3, T4, T5, T8, T11, T12, T13, T14, T21, T22, T23, T24, T34, T35, T38, T39, T42, T45, T49, T50, T54, T58, T59, T60, T61, T65, T70, T73, T74, T75, T88, T89, T90, T94, T99, T106, T110, T111, T112, T113, T116, T121, T123, T124, T128, T129, T130, T131, T133, T134, T135, T140, T141, T147, T148, T150, T151, T152, T154, T155	62	G1, G2, G4, G6, G8, G12, G13, G18, G21, G23, G27, G29, G32, G34, G36, G38, G40, G41, G42, G43, G48, G52, G54, G57, G58, G60, G63, G64, G66, G68, G71, G75, G76, G85, G89, G92, G95, G98, G101, G103, G116, G117, G120, G121, G122, G124, G129, G130, G131, G132, G133, G135, G140, G142, G147, G149, G151, G153, G154	59
Category C	T7, T9, T10, T15, T16, T19, T20, T25, T26, T27, T28, T29, T30, T31, T32, T33, T36, T37, T41, T47, T63, T68, T69, T71, T72, T77, T78, T79, T80, T81, T84, T85, T86, T87, T91, T92, T93, T95, T96, T97, T98, T100, T101, T102, T103, T104, T105, T107, T108, T109, T114, T115, T117, T118, T119, T120, T122, T125, T126, T127, T137, T138, T139, T142, T144, T145, T146, T153	68	G3, G5, G7, G9, G11, G14, G15, G16, G17, G19, G20, G22, G24, G25, G26, G28, G30, G31, G33, G35, G37, G39, G46, G47, G50, G51, G53, G56, G61, G62, G65, G67, G69, G72, G72, G73, G74, G77, G78, G79, G80, G81, G82, G83, G84, G86, G87, G88, G90, G91, G93, G94, G99, G100, G102, G104, G105, G106, G107, G108, G109, G110, G111, G112, G113, G114, G115, G118, G119, G123, G125, G126, G127, G128, G134, G136, G137, G138, G139, G141, G143, G144, G145, G146, G148, G150, G152, G155	88
	Total	155	Total	154

	Hedgerows	Totals	Woodlands	Totals
Category U		0		0
Category A		0	W1, W2	2
Category B		0		0
Category C	H1, H2, H3, H4, H5, H6, H7	7		0
	Total	7	Total	2

Tree No	Species	Height (m)	Crown Clearance (m)	No. of Stems	Stem Dia. (mm)	Crown Radius				Age Class	Structure	Vigour	RPA (m)	RPA Radius (m)	Cat	Comments
						N	E	S	W							
T1	Hornbeam	8.0	1.5	1	160	3.0	3.0	3.0	3.0	EM	G	G	14	2.1	B 1	Hard surfaces within the rooting area No obvious defects observed Retaining feature within RPA.
T2	Norway maple	7.0	2.0	1	200	3.5	3.5	3.5	3.5	EM	G	G	18	2.4	B 1	Hard surfaces within the rooting area No obvious defects observed Branch stubs observed Minor deadwood in the crown Pruning wounds observed Retaining feature within RPA.
T3	Walnut	11.0	5.0	2	300 450	4.5	4.5	4.5	4.5	SM	F	G	366	10.8	B 1	Ivy restricts inspection Limited inspection due to access Limited inspection due to ivy Minor deadwood in the crown No obvious defects observed
T4	Sycamore	15.0	2.5	1	510	6.5	6.5	6.5	6.5	SM	F	G	124	6.3	B 1	Ivy restricts inspection Limited inspection due to ivy Minor deadwood in the crown No obvious defects observed
T5	European lime	17.0	2.0	1	550	6.5	6.5	6.5	6.5	SM	G	F	137	6.6	B 1	Ivy restricts inspection Limited inspection due to ivy Minor deadwood in the crown No obvious defects observed
T6	European lime	18.0	2.0	1	560	7.0	7.0	7.0	7.0	SM	G	G	150	6.9	A 1	Ivy restricts inspection Limited inspection due to ivy Minor deadwood in the crown No obvious defects observed Lateral dieback
T7	Sycamore	10.0	1.0	1	300	3.5	3.5	3.5	3.5	EM	G	G	41	3.6	C 1	Included unions observed Minor deadwood in the crown
T8	Ash	16.0	1.0	2	360 330	6.0	6.0	6.0	6.0	SM	F	G	113	6.0	B 1	Apical dieback Minor deadwood in the crown Included unions observed
T9	Lawson cypress	10.0	2.0	1	300	1.5	1.5	1.5	1.5	EM	F	F	41	3.6	C 1	Included unions observed Minor deadwood in the crown

Tree No	Species	Height (m)	Crown Clearance (m)	No. of Stems	Stem Dia. (mm)	Crown Radius				Age Class	Structure	Vigour	RPA (m)	RPA Radius (m)	Cat	Comments
						N	E	S	W							
T10	Ash	15.0	5.0	1	480	4.5	4.5	4.5	4.5	EM	F	G	113	6.0	C 1	Branch stubs observed Limited inspection due to access Limited inspection due to dense vegetation Minor deadwood in the crown No obvious defects observed
T11	Field maple	14.0	4.0	3	310 140 240	5.5	5.5	5.5	5.5	SM	F	G	81	5.1	B 1	Branch stubs observed Limited inspection due to access Limited inspection due to dense vegetation Minor deadwood in the crown Light ivy on stem
T12	Field maple	15.0	2.0	3	200 240 310	6.0	6.0	6.0	6.0	EM	F	G	92	5.4	B 1	Branch stubs observed Limited inspection due to access Minor deadwood in the crown Typical crown form No obvious defects observed
T13	Sycamore	15.0	4.0	1	450	3.5	3.5	3.5	3.5	EM	F	G	92	5.4	B 1	Branch stubs observed Limited inspection due to access Limited inspection due to dense vegetation Hard surfaces within the rooting area Minor deadwood in the crown
T14	Field maple	13.0	3.0	4	150 120 160 190	8.0	8.0	8.0	8.0	EM	F	G	48	3.9	B 1	Branch stubs observed Limited inspection due to access Limited inspection due to dense vegetation Hard surfaces within the rooting area Minor deadwood in the crown
T15	Lombardy poplar	22.0	3.0	1	760	3.0	3.0	3.0	3.0	EM	F	F	272	9.3	C 1	Branch stubs observed Dense ivy on the stem Included unions observed Limited inspection due to ivy Minor deadwood in the crown Typical crown form

Tree No	Species	Height (m)	Crown Clearance (m)	No. of Stems	Stem Dia. (mm)	Crown Radius				Age Class	Structure	Vigour	RPA (m)	RPA Radius (m)	Cat	Comments
						N	E	S	W							
T16	Ash	22.0	5.0	1	740	10.0	10.0	10.0	10.0	M	F	G	255	9.0	C 1	Branch stubs observed Light ivy on stem Limited inspection due to dense vegetation Limited inspection due to ivy Dense ivy on the stem Potential signs of Ash Dieback
T17	Yew	12.0	0.5	2	540 500	9.0	9.0	9.0	9.0	M	G	G	255	9.0	A 1	Branch stubs observed Minor deadwood in the crown Major deadwood in the crown Typical crown form No obvious defects observed Growing on sloped embankment
T18	Yew	14.0	0.5	2	700 580	10.0	10.0	10.0	10.0	M	G	G	387	11.1	A 1	Branch stubs observed Tear wounds present Minor deadwood in the crown Major deadwood in the crown Limited inspection health safety Spreading crown form Branch socket cavity observed
T19	Yew	14.0	1.0	1	520	5.5	5.5	5.5	5.5	EM	F	G	124	6.3	C 1,2	Branch socket cavity observed Branch stubs observed Epicormic growth observed in the crown Limited inspection due to access Limited inspection due to dense vegetation Major deadwood in the crown Minor deadwood in the crown
T20	Ash	17.0	3.0	1	610	8.0	8.0	8.0	8.0	M	F	G	177	7.5	C 1,2	Branch stubs observed Limited inspection due to access Minor deadwood in the crown Major deadwood in the crown Typical crown form Potential signs of Ash Dieback

Tree No	Species	Height (m)	Crown Clearance (m)	No. of Stems	Stem Dia. (mm)	Crown Radius				Age Class	Structure	Vigour	RPA (m)	RPA Radius (m)	Cat	Comments
						N	E	S	W							
T21	Field maple	10.0	2.0	1	570	5.0	5.0	5.0	5.0	SM	F	G	150	6.9	B 1	Dense ivy on the stem Dense ivy in the crown Limited inspection due to dense vegetation Limited inspection due to ivy Branch stubs observed No obvious defects observed Typical crown form
T22	Walnut	12.0	1.0	1	530	6.0	6.0	6.0	6.0	EM	F	G	137	6.6	B 1,2	Branch stubs observed Dense ivy in the crown Dense ivy on the stem Limited inspection due to dense vegetation Limited inspection due to ivy No obvious defects observed
T23	Alder	14.0	3.0	4	420 380 400 340	5.5	5.5	5.5	5.5	EM	F	G	290	9.6	B 1,2	Branch stubs observed Hard surfaces within the rooting area Dense ivy in the crown Dense ivy on the stem Limited inspection due to dense vegetation Limited inspection due to ivy Typical crown form
T24	Alder	15.0	2.0	1	420	5.0	5.0	5.0	5.0	EM	F	G	81	5.1	B 1,2	Branch stubs observed Dense ivy on the stem Dense ivy in the crown Limited inspection due to ivy Limited inspection due to dense vegetation Hard surfaces within the rooting area Minor deadwood in the crown Major deadwood in the crown Typical crown form

Tree No	Species	Height (m)	Crown Clearance (m)	No. of Stems	Stem Dia. (mm)	Crown Radius				Age Class	Structure	Vigour	RPA (m)	RPA Radius (m)	Cat	Comments
						N	E	S	W							
T25	Ash	13.0	3.0	1	350	4.0	4.0	4.0	4.0	EM	F	F	55	4.2	C 1,2	Branch stubs observed Dense ivy on the stem Dense ivy in the crown Limited inspection due to dense vegetation Limited inspection due to ivy Hard surfaces within the rooting area Minor deadwood in the crown Typical crown form
T26	Hybrid black poplar	18.0	5.0	1	630	9.0	9.0	9.0	9.0	EM	F	G	191	7.8	C	Branch stubs observed Limited inspection due to dense vegetation Minor deadwood in the crown Typical crown form
T27	Ash	9.0	3.0	1	150	2.5	2.5	2.5	2.5	EM	F	F	10	1.8	C 1	Limited inspection due to access Minor deadwood in the crown Lateral dieback Tree is showing signs of decline Generally a poor specimen.
T28	Ash	6.0	3.0	3	120 120 110	2.0	2.0	2.0	2.0	EM	F	F	23	2.7	C 1	Apical dieback Tree is showing signs of decline
T29	Ash	5.0	2.0	2	110 100	2.0	2.0	2.0	2.0	EM	F	F	10	1.8	C 1	Apical dieback Minor deadwood in the crown Tree is showing signs of decline
T30	Sycamore	9.0	3.0	6	490	2.5	2.5	2.5	2.5	EM	F	F	113	6.0	C 1	Dense ivy in the crown Limited inspection due to ivy Tree is showing signs of decline
T31	Sycamore	7.0	3.0	6	350	2.5	2.5	2.5	2.5	EM	F	F	55	4.2	C 1	Lateral dieback Minor deadwood in the crown Tree is showing signs of decline
T32	Sycamore	6.0	3.0	6	270	2.0	2.0	2.0	2.0	EM	F	F	34	3.3	C 1	Lateral dieback Tree is showing signs of decline

Tree No	Species	Height (m)	Crown Clearance (m)	No. of Stems	Stem Dia. (mm)	Crown Radius				Age Class	Structure	Vigour	RPA (m)	RPA Radius (m)	Cat	Comments
						N	E	S	W							
T33	Ash	10.5	2.5	1	400	4.5	1.5	3.5	4.5	SM	F	G	72	4.8	C 1	Dense ivy on the stem Dense ivy in the crown Limited inspection due to ivy Branch stubs observed Minor deadwood in the crown Major deadwood in the crown Tree is showing signs of decline Apical dieback Lateral dieback
T34	Field maple	16.0	1.0	1	580	4.5	4.5	4.5	4.5	SM	F	G	163	7.2	B 1	Dense ivy in the crown Dense ivy on the stem Ivy restricts inspection Limited inspection due to ivy No obvious defects observed
T35	Field maple	14.0	3.0	1	530	3.5	3.5	3.5	3.5	EM	F	F	137	6.6	B 1	Dense ivy in the crown Dense ivy on the stem Ivy restricts inspection Limited inspection due to ivy
T36	Sycamore	10.0	2.5	6	300	2.0	2.0	2.0	2.0	SM	F	F	41	3.6	C 1,2	Branch stubs observed Hard surfaces within the rooting area Limited inspection due to access Minor deadwood in the crown
T37	Walnut	10.0	3.0	3	180 140 120	3.0	3.0	3.0	3.0	SM	F	G	34	3.3	C 1	Branch stubs observed Hard surfaces within the rooting area Dense ivy on the stem Light ivy in the crown Limited inspection due to ivy Limited inspection due to dense vegetation Minor deadwood in the crown Tear wounds present
T38	Sycamore	16.0	5.0	2	250 210	3.5	3.5	3.5	3.5	SM	F	G	55	4.2	B 1	Hard surfaces within the rooting area No obvious defects observed

Tree No	Species	Height (m)	Crown Clearance (m)	No. of Stems	Stem Dia. (mm)	Crown Radius				Age Class	Structure	Vigour	RPA (m)	RPA Radius (m)	Cat	Comments
						N	E	S	W							
T39	Field maple	10.0	3.0	1	420	5.5	5.5	5.5	5.5	EM	F	G	81	5.1	B 1,2	Branch stubs observed Hard surfaces within the rooting area Light ivy on stem Epicormic growth observed in the crown Minor deadwood in the crown Major deadwood in the crown Limited inspection due to access Typical crown form No obvious defects observed
T40	Field maple	12.0	1.0	1	550	6.0	6.0	6.0	6.0	EM	G	G	137	6.6	A 1,2	Branch stubs observed Hard surfaces within the rooting area Pruning wounds observed Limited inspection due to access Limited inspection due to dense vegetation Minor deadwood in the crown Typical crown form No obvious defects observed Major deadwood in the crown
T41	Ash	11.0	2.5	1	300	3.5	3.5	3.5	3.5	SM	F	F	41	3.6	C 1	Branch stubs observed Hard surfaces within the rooting area Limited inspection due to dense vegetation Minor deadwood in the crown Typical crown form
T42	Beech	13.0	3.5	2	230 360	5.0	5.0	5.0	5.0	SM	F	G	92	5.4	B 1	Branch stubs observed Hard surfaces within the rooting area Light ivy on stem Limited inspection due to access Limited inspection due to dense vegetation Minor deadwood in the crown Typical crown form No obvious defects observed

Tree No	Species	Height (m)	Crown Clearance (m)	No. of Stems	Stem Dia. (mm)	Crown Radius				Age Class	Structure	Vigour	RPA (m)	RPA Radius (m)	Cat	Comments
						N	E	S	W							
T43	Beech	18.0	3.0	1	640	9.0	9.0	9.0	9.0	EM	G	G	191	7.8	A 1	Branch stubs observed Limited inspection due to dense vegetation Hard surfaces within the rooting area Minor deadwood in the crown Typical crown form
T44	European lime	19.0	1.0	1	560	6.0	6.0	6.0	6.0	EM	G	G	150	6.9	A 1	Branch stubs observed Limited inspection due to access Limited inspection due to dense vegetation Typical crown form No obvious defects observed
T45	Norway maple	16.0	2.5	2	220 310	5.0	5.0	5.0	5.0	EM	F	G	72	4.8	B 1	Branch stubs observed Minor deadwood in the crown Major deadwood in the crown
T46	European lime	19.0	6.0	1	870	6.0	6.0	6.0	6.0	EM	G	G	346	10.5	A 1	Branch stubs observed Minor deadwood in the crown Epicormic growth observed in the crown Major deadwood in the crown Typical crown form
T47	Norway maple	10.0	3.5	1	340	6.0	6.0	6.0	6.0	EM	P	F	55	4.2	C 1	Branch stubs observed Minor deadwood in the crown Major deadwood in the crown Limited inspection due to dense vegetation Branch socket cavity observed Epicormic growth observed in the crown Epicormic growth on the main stem Mammal damage to main stem Limited contribution

Tree No	Species	Height (m)	Crown Clearance (m)	No. of Stems	Stem Dia. (mm)	Crown Radius				Age Class	Structure	Vigour	RPA (m)	RPA Radius (m)	Cat	Comments
						N	E	S	W							
T48	European lime	15.0	2.0	1	540	6.0	6.0	6.0	6.0	EM	G	G	137	6.6	A 1	Branch stubs observed Minor deadwood in the crown Major deadwood in the crown Limited inspection due to access Limited inspection due to dense vegetation Included unions observed Typical crown form
T49	European lime	15.0	1.0	3	280 220 260	5.0	5.0	5.0	5.0	EM	F	G	92	5.4	B 1	Branch stubs observed Minor deadwood in the crown Major deadwood in the crown Typical crown form Included unions observed Epicormic growth observed in the crown Epicormic growth on the main stem Limited inspection due to dense vegetation
T50	European lime	12.0	2.5	5	260 200 100 140 150	4.0	4.0	4.0	4.0	EM	F	G	72	4.8	B 1	Branch stubs observed Minor deadwood in the crown Major deadwood in the crown Epicormic growth on the main stem Epicormic growth observed in the crown Included unions observed
T51	European lime	17.0	2.0	1	660	6.0	6.0	6.0	6.0	EM	G	G	206	8.1	A 1,2	Branch stubs observed Epicormic growth observed in the crown Epicormic growth on the main stem Minor deadwood in the crown Major deadwood in the crown No obvious defects observed Typical crown form

Tree No	Species	Height (m)	Crown Clearance (m)	No. of Stems	Stem Dia. (mm)	Crown Radius				Age Class	Structure	Vigour	RPA (m)	RPA Radius (m)	Cat	Comments
						N	E	S	W							
T52	Yew	12.0	1.0	1	650	5.0	5.0	5.0	5.0	EM	G	G	191	7.8	A 1	Branch stubs observed Epicormic growth observed in the crown Epicormic growth on the main stem Limited inspection due to dense vegetation Limited inspection due to access Typical crown form
T53	Norway maple	12.0	1.0	1	520	5.0	5.0	5.0	5.0	EM	G	G	124	6.3	A 1	Branch stubs observed Minor deadwood in the crown Major deadwood in the crown Limited inspection due to dense vegetation Limited inspection due to access Epicormic growth observed in the crown Epicormic growth on the main stem Wound present on main stem Tear wounds present Branch socket cavity observed
T54	Yew	10.0	1.0	1	700	6.0	6.0	6.0	6.0	EM	G	G	222	8.4	B 1,2	Branch stubs observed Wound present on main stem Tear wounds present Minor deadwood in the crown Major deadwood in the crown Limited inspection due to dense vegetation Epicormic growth on the main stem Epicormic growth observed in the crown

Tree No	Species	Height (m)	Crown Clearance (m)	No. of Stems	Stem Dia. (mm)	Crown Radius				Age Class	Structure	Vigour	RPA (m)	RPA Radius (m)	Cat	Comments
						N	E	S	W							
T55	European lime	22.0	5.0	1	800	6.0	6.0	6.0	6.0	EM	G	G	290	9.6	A 1	Branch stubs observed Epicormic growth on the main stem Epicormic growth observed in the crown Limited inspection due to dense vegetation Typical crown form No obvious defects observed Dense epicormic growth at base of stem limits inspection
T56	European lime	22.0	5.0	1	1000	7.5	7.5	7.5	7.5	EM	G	G	452	12.0	A 1	Branch stubs observed Epicormic growth observed in the crown Epicormic growth on the main stem Limited inspection due to dense vegetation Typical crown form Dense epicormic growth on main stem limits inspection
T57	Sycamore	17.0	3.0	1	870	7.5	7.5	7.5	7.5	EM	G	G	346	10.5	A 1,2	Branch stubs observed Limited inspection due to dense vegetation Epicormic growth observed in the crown Epicormic growth on the main stem Minor deadwood in the crown Major deadwood in the crown Typical crown form

Tree No	Species	Height (m)	Crown Clearance (m)	No. of Stems	Stem Dia. (mm)	Crown Radius				Age Class	Structure	Vigour	RPA (m)	RPA Radius (m)	Cat	Comments
						N	E	S	W							
T58	Ash	23.0	6.0	1	840	9.0	9.0	9.0	9.0	EM	F	G	327	10.2	B 1	Branch stubs observed Limited inspection due to dense vegetation Limited inspection due to access Epicormic growth observed in the crown Typical crown form No obvious defects observed Minor deadwood in the crown
T59	Beech	11.0	3.0	1	450	4.5	4.5	4.5	4.5	EM	F	G	92	5.4	B 1,2	Branch stubs observed Hard surfaces within the rooting area Limited inspection due to dense vegetation Minor deadwood in the crown Major deadwood in the crown Form suppressed by neighboring trees
T60	Beech	20.0	4.0	1	720	9.0	9.0	9.0	9.0	EM	F	G	238	8.7	B 1	Branch stubs observed Limited inspection due to access Limited inspection due to dense vegetation Minor deadwood in the crown Major deadwood in the crown Form suppressed by neighboring trees
T61	Beech	20.0	4.0	1	650	7.0	7.0	7.0	7.0	EM	F	G	191	7.8	B 1	Branch stubs observed Branch socket cavity observed Minor deadwood in the crown Major deadwood in the crown Typical crown form Form suppressed by neighboring trees

Tree No	Species	Height (m)	Crown Clearance (m)	No. of Stems	Stem Dia. (mm)	Crown Radius				Age Class	Structure	Vigour	RPA (m)	RPA Radius (m)	Cat	Comments
						N	E	S	W							
T62	Beech	22.0	4.0	1	840	10.0	10.0	10.0	10.0	EM	G	G	327	10.2	A 1	Branch stubs observed Limited inspection due to dense vegetation Minor deadwood in the crown Major deadwood in the crown Typical crown form Form partly suppressed by neighboring trees
T63	Sycamore	17.0	1.0	1	340	7.0	7.0	7.0	7.0	EM	F	F	55	4.2	C 1	Branch stubs observed Apical dieback Lateral dieback Minor deadwood in the crown Major deadwood in the crown Dense ivy on the stem Limited inspection due to dense vegetation Limited inspection due to ivy Form suppressed by neighboring trees Limited contribution
T64	Beech	22.0	4.0	1	870	9.5	9.5	9.5	9.5	EM	G	G	346	10.5	A 1	Branch stubs observed Minor deadwood in the crown Major deadwood in the crown Limited inspection due to dense vegetation Typical crown form No obvious defects observed Form partly suppressed by neighboring trees
T65	Sycamore	20.0	4.0	1	870	9.5	9.5	9.5	9.5	EM	F	G	346	10.5	B 1,2	Branch stubs observed Minor deadwood in the crown Major deadwood in the crown Limited inspection due to ivy Limited inspection due to dense vegetation Dense ivy in the crown Dense ivy on the stem Typical crown form Lower limb extending towards road is considered dangerous RECOMMENDATION - Remove lower limb

Tree No	Species	Height (m)	Crown Clearance (m)	No. of Stems	Stem Dia. (mm)	Crown Radius				Age Class	Structure	Vigour	RPA (m)	RPA Radius (m)	Cat	Comments
						N	E	S	W							
T66	Beech	24.0	3.0	2	460 520	9.0	9.0	9.0	9.0	EM	G	G	222	8.4	A 1,2	No obvious defects observed
T67	Black Walnut	20.0	2.5	1	740	10.5	10.5	10.5	10.5	M	G	G	255	9.0	A 1,2	Branch stubs observed Hard surfaces within the rooting area Epicormic growth observed in the crown Branch socket cavity observed Minor deadwood in the crown Major deadwood in the crown No obvious defects observed Typical crown form
T68	Laburnum	6.0	1.0	1	200	3.5	3.5	3.5	3.5	SM	F	F	18	2.4	C 1	Branch stubs observed Limited inspection due to dense vegetation Epicormic growth on the main stem Epicormic growth observed in the crown Tree is showing signs of decline Minor deadwood in the crown Apical dieback Limited contribution
T69	Laburnum	7.0	1.0	4	100 80 120 90	2.5	2.5	2.5	2.5	SM	F	F	18	2.4	C 1	Branch stubs observed Limited inspection due to dense vegetation Minor deadwood in the crown Tree is showing signs of decline Limited contribution
T70	Walnut	10.0	2.5	1	240	4.0	4.0	4.0	4.0	SM	F	G	28	3.0	B 1,2	Branch stubs observed Dense ivy on the stem Limited inspection due to ivy Limited inspection due to dense vegetation No obvious defects observed Minor deadwood in the crown

Tree No	Species	Height (m)	Crown Clearance (m)	No. of Stems	Stem Dia. (mm)	Crown Radius				Age Class	Structure	Vigour	RPA (m)	RPA Radius (m)	Cat	Comments
						N	E	S	W							
T71	Ash	17.0	6.0	3	270 340 320	9.0	9.0	9.0	9.0	EM	F	F	137	6.6	C 1,2	Branch stubs observed Limited inspection due to dense vegetation Tree is showing signs of decline Apical dieback Lateral dieback Minor deadwood in the crown Major deadwood in the crown Limited contribution
T72	Ash	10.0	5.0	1	140	1.5	1.5	1.5	1.5	SM	F	F	10	1.8	C 1	Branch stubs observed Limited inspection due to dense vegetation Epicormic growth observed in the crown Tree is showing signs of decline Limited contribution
T73	Ash	16.0	5.0	2	360 340	4.5	4.5	4.5	4.5	EM	F	G	113	6.0	B 1	Branch stubs observed Dense ivy on the stem Limited inspection due to ivy Limited inspection due to dense vegetation Minor deadwood in the crown Typical crown form
T74	Raywood Ash	10.0	1.5	1	240	4.5	4.5	4.5	4.5	SM	F	G	28	3.0	B 1,2	Branch stubs observed Hard surfaces within the rooting area Minor deadwood in the crown Included unions observed Typical crown form
T75	Raywood Ash	10.0	1.5	1	240	4.5	4.5	4.5	4.5	SM	F	G	28	3.0	B 1,2	Branch stubs observed Hard surfaces within the rooting area Minor deadwood in the crown Included unions observed Typical crown form

Tree No	Species	Height (m)	Crown Clearance (m)	No. of Stems	Stem Dia. (mm)	Crown Radius				Age Class	Structure	Vigour	RPA (m)	RPA Radius (m)	Cat	Comments
						N	E	S	W							
T76	Ash	14.0	2.0	1	310	4.0	4.0	4.0	4.0	SM	P	F	48	3.9	U	Branch stubs observed Hard surfaces within the rooting area Limited inspection due to dense vegetation Major stem wound from base to 3.0m above ground level Limited contribution
T77	Field maple	5.0	2.0	4	90 100 110 90	1.5	1.5	1.5	1.5	SM	F	G	18	2.4	C 1	Branch stubs observed Typical crown form Epicormic growth observed in the crown Epicormic growth on the main stem Minor deadwood in the crown Lateral dieback Limited contribution
T78	Field maple	6.0	1.0	3	140 180 180	3.0	3.0	3.0	3.0	SM	F	G	41	3.6	C 1	Branch stubs observed Minor deadwood in the crown Major deadwood in the crown Lateral dieback Tree is showing signs of decline Light ivy on stem Limited contribution
T79	Ash	10.0	3.0	1	280	2.5	3.5	2.5	2.5	SM	F	F	41	3.6	C 1	Branch stubs observed Epicormic growth observed in the crown Epicormic growth on the main stem Minor deadwood in the crown Apical dieback
T80	Beech	12.5	1.0	2	260 260	4.0	4.0	4.0	4.0	EM	F	G	64	4.5	C 1	Branch stubs observed Included unions observed Snub nosed rib forming beneath stem bifurcation (1.0m above ground level) Crossing branches in lower crown abrading each other

Tree No	Species	Height (m)	Crown Clearance (m)	No. of Stems	Stem Dia. (mm)	Crown Radius				Age Class	Structure	Vigour	RPA (m)	RPA Radius (m)	Cat	Comments
						N	E	S	W							
T81	Ash	10.0	2.5	1	220	3.0	3.0	3.0	3.0	SM	F	F	23	2.7	C 1	Branch stubs observed Limited inspection due to dense vegetation Typical crown form Tree is showing signs of decline Evidence of Ash Dieback
T82	Beech	13.0	1.0	1	340	4.0	4.0	4.0	4.0	EM	G	G	55	4.2	A 1,2	Branch stubs observed No obvious defects observed Minor deadwood in the crown Epicormic growth observed in the crown Epicormic growth on the main stem
T83	Beech	12.0	1.0	1	360	4.5	4.5	4.5	4.5	EM	G	G	64	4.5	A 1	Branch stubs observed Minor deadwood in the crown No obvious defects observed Pruning wounds observed Form partly suppressed by neighbouring trees
T84	Ash	9.5	2.0	1	170	2.0	2.0	2.0	2.0	SM	F	P	14	2.1	C 1	Branch stubs observed Apical dieback Lateral dieback Minor deadwood in the crown Tree is showing signs of decline Limited contribution
T85	Ash	8.0	2.5	1	150	2.0	2.0	2.0	2.0	SM	F	P	10	1.8	C 1	Branch stubs observed Limited inspection due to dense vegetation Minor deadwood in the crown Lateral dieback Apical dieback Tree is showing signs of decline Limited contribution

Tree No	Species	Height (m)	Crown Clearance (m)	No. of Stems	Stem Dia. (mm)	Crown Radius				Age Class	Structure	Vigour	RPA (m)	RPA Radius (m)	Cat	Comments
						N	E	S	W							
T86	Hawthorn	6.0	1.0	1	110	1.5	1.5	1.5	1.5	SM	F	F	7	1.5	C 1	Branch stubs observed Limited inspection due to dense vegetation Minor deadwood in the crown Major deadwood in the crown Typical crown form Limited contribution
T87	Field maple	7.0	2.0	3	120 140 140	2.0	2.0	2.0	2.0	SM	F	G	28	3.0	C 1	Branch stubs observed Limited inspection due to dense vegetation Minor deadwood in the crown Typical crown form
T88	Field maple	8.5	1.0	8	400	2.5	2.5	2.5	2.5	SM	F	G	72	4.8	B 1,2	Branch stubs observed Minor deadwood in the crown Typical crown form Multi-stemmed at 0.5 m above ground level
T89	Field maple	10.5	3.0	3	190 120 160	2.5	2.5	2.5	2.5	EM	F	G	41	3.6	B 1	Branch stubs observed Minor deadwood in the crown Bird's nest in crown Form partly suppressed by neighbouring trees
T90	Field maple	8.5		4	200 90 100 120	3.0	3.0	3.0	3.0	SM	F	G	34	3.3	B 1,2	Branch stubs observed Epicormic growth on the main stem Minor deadwood in the crown Form partly suppressed by neighbouring trees
T91	Field maple	7.0	1.0	5	100 120 100 110 100	2.5	2.5	2.5	2.5	SM	F	F	28	3.0	C 1	Branch stubs observed Epicormic growth on the main stem Multi-stemmed at base Limited contribution
T92	Cherry	9.0	3.0	1	190	2.0	2.0	2.0	2.0	SM	F	F	18	2.4	C 1	Branch stubs observed Minor deadwood in the crown Typical crown form Bird's nest in crown Limited contribution

Tree No	Species	Height (m)	Crown Clearance (m)	No. of Stems	Stem Dia. (mm)	Crown Radius				Age Class	Structure	Vigour	RPA (m)	RPA Radius (m)	Cat	Comments
						N	E	S	W							
T93	Ash	17.0	4.0	1	300	3.5	3.5	3.5	3.5	EM	F	F	41	3.6	C 1	Branch stubs observed Limited inspection due to dense vegetation Minor deadwood in the crown Typical crown form Limited contribution
T94	Field maple	10.0	2.0	1	180	3.0	3.0	3.0	3.0	SM	F	G	18	2.4	B 1	Branch stubs observed Limited inspection due to dense vegetation No obvious defects observed Typical crown form
T95	Sycamore	8.0	1.0	4	120 150 170 130	2.5	2.5	2.5	2.5	SM	F	F	41	3.6	C 1	Branch stubs observed Limited inspection due to dense vegetation Limited inspection due to access Hard surfaces within the rooting area Limited contribution
T96	Goat willow	8.0	2.0	2	240 230	3.5	3.5	3.5	3.5	SM	F	F	55	4.2	C 1	Branch stubs observed Hard surfaces within the rooting area Limited inspection due to access Typical crown form Limited contribution
T97	Hybrid black poplar	15.0	3.0	1	1050	9.0	9.0	9.0	9.0	EM	F	G	499	12.6	C 1,2	Pruning wound through pollarding responding well Branch stubs observed Minor deadwood in the crown Major deadwood in the crown Limited inspection due to dense vegetation Limited inspection due to access Hard surfaces within the rooting area Crown leaning over carriageway

Tree No	Species	Height (m)	Crown Clearance (m)	No. of Stems	Stem Dia. (mm)	Crown Radius				Age Class	Structure	Vigour	RPA (m)	RPA Radius (m)	Cat	Comments
						N	E	S	W							
T98	Goat willow	9.0	2.0	2	220 380	5.5	5.5	5.5	5.5	SM	F	F	92	5.4	C 1	Branch stubs observed Hard surfaces within the rooting area Limited inspection due to dense vegetation Limited inspection due to access Minor deadwood in the crown Typical crown form Epicormic growth observed in the crown Included unions observed Limited contribution
T99	Field maple	7.0	2.0	2	220 150	2.5	2.5	2.5	2.5	SM	F	G	34	3.3	B 1	Branch stubs observed Dense ivy on the stem Limited inspection due to ivy Minor deadwood in the crown Typical crown form No obvious defects observed
T100	Ash	6.0	2.0	1	110	1.5	1.5	1.5	1.5	SM	F	F	7	1.5	C 1	Branch stubs observed Limited inspection due to dense vegetation Typical crown form Limited contribution
T101	Field maple	5.0	1.0	2	80 60	1.0	1.0	1.0	1.0	SM	F	F	5	1.2	C 1	Branch stubs observed Limited inspection due to dense vegetation Minor deadwood in the crown Limited contribution
T102	Field maple	8.0	2.5	1	160	2.0	2.0	2.0	2.0	SM	F	F	14	2.1	C 1	Branch stubs observed Limited inspection due to dense vegetation No obvious defects observed Typical crown form
T103		12.0	2.5	1	250	3.5	3.5	3.5	3.5	SM	F	F	28	3.0	C 1	Branch stubs observed Minor deadwood in the crown Typical crown form Possible evidence of Ash Dieback present

Tree No	Species	Height (m)	Crown Clearance (m)	No. of Stems	Stem Dia. (mm)	Crown Radius				Age Class	Structure	Vigour	RPA (m)	RPA Radius (m)	Cat	Comments
						N	E	S	W							
T104	Ash	11.0	4.0	2	100 110	2.5	2.5	2.5	2.5	SM	F	P	10	1.8	C 1	Branch stubs observed Limited inspection due to dense vegetation Minor deadwood in the crown Tree is showing signs of decline Limited contribution
T105	Ash	10.0	4.0	1	130	2.0	2.0	2.0	2.0	SM	F	F	10	1.8	C 1	Branch stubs observed Minor deadwood in the crown Pruning wounds observed Limited contribution
T106	Field maple	12.0		1	180	2.5	2.5	2.5	2.5	SM	F	G	18	2.4	B 1	Branch stubs observed Limited inspection due to dense vegetation Minor deadwood in the crown Typical crown form
T107	Field maple	10.0	4.0	1	140	2.0	2.0	2.0	2.0	SM	F	G	10	1.8	C 1	Branch stubs observed Limited inspection due to dense vegetation Minor deadwood in the crown Typical crown form
T108	Field maple	8.0	2.0	6	370	4.5	4.5	4.5	4.5	SM	F	G	64	4.5	C 1	Branch stubs observed Hard surfaces within the rooting area Limited inspection due to dense vegetation Typical crown form Minor deadwood in the crown No obvious defects observed Has Category B potential, in the fullness of time

Tree No	Species	Height (m)	Crown Clearance (m)	No. of Stems	Stem Dia. (mm)	Crown Radius				Age Class	Structure	Vigour	RPA (m)	RPA Radius (m)	Cat	Comments
						N	E	S	W							
T109	Field maple	7.0	1.0	6	320	3.5	3.5	3.5	3.5	SM	F	G	48	3.9	C 1	Branch stubs observed Hard surfaces within the rooting area Limited inspection due to dense vegetation Minor deadwood in the crown No obvious defects observed Typical crown form Has Category B potential, in the fullness of time
T110	Field maple	8.0	3.5	2	160 160	2.5	2.5	2.5	2.5	SM	F	G	28	3.0	B 1	Branch stubs observed Minor deadwood in the crown Typical crown form No obvious defects observed
T111	Field maple	8.0	2.0	3	130 170 160	2.5	2.5	2.5	2.5	SM	F	G	34	3.3	B 1	Branch stubs observed Minor deadwood in the crown No obvious defects observed Typical crown form
T112	Sycamore	21.0	3.0	1	920	7.5	7.5	7.5	7.5	SM	G	G	387	11.1	B 1	Ivy restricts inspection Limited inspection due to ivy Minor deadwood in the crown No obvious defects observed
T113	Sycamore	18.0	3.0	2	420 400	6.5	6.5	6.5	6.5	SM	F	F	163	7.2	B 1	Ivy restricts inspection Limited inspection due to ivy Minor deadwood in the crown No obvious defects observed
T114	Sycamore	12.0	4.0	1	350	3.0	3.0	3.0	3.0	SM	F	F	55	4.2	C 1	Dense ivy in the crown Dense ivy on the stem Minor deadwood in the crown Tree is showing signs of decline
T115	Sycamore	15.0	3.0	2	320 150	7.0	7.0	7.0	7.0	EM	F	F	64	4.5	C 1	Minor deadwood in the crown Tree is showing signs of decline

Tree No	Species	Height (m)	Crown Clearance (m)	No. of Stems	Stem Dia. (mm)	Crown Radius				Age Class	Structure	Vigour	RPA (m)	RPA Radius (m)	Cat	Comments
						N	E	S	W							
T116	Sycamore	18.0	2.0	1	420	4.5	4.5	4.5	4.5	SM	G,F	G	81	5.1	B 1	Dense ivy in the crown Light ivy on stem Limited inspection due to ivy Minor deadwood in the crown No obvious defects observed
T117	Sycamore	15.0	3.0	1	320	3.5	3.5	3.5	3.5	EM	F	F	48	3.9	C 1	Dense ivy on the stem Light ivy in the crown Limited inspection due to ivy Minor deadwood in the crown No obvious defects observed Apical dieback
T118	Horse chestnut	12.0	1.0	2	220 310	3.5	3.5	3.5	3.5	EM	F	F	72	4.8	C 1	Apical dieback Lateral dieback Minor deadwood in the crown Tree is showing signs of decline
T119	Sycamore	11.0	1.0	1	340	4.5	4.5	4.5	4.5	EM	F	F	55	4.2	C 1	Apical dieback Lateral dieback Minor deadwood in the crown Suppressed form. Generally a poor specimen.
T120	Sycamore	11.0	3.0	1	240	3.5	3.5	3.5	3.5	EM	F	F	28	3.0	C 1	Ivy restricts inspection Hard surfaces within the rooting area Minor deadwood in the crown
T121	Sycamore	18.0	2.0	1	520	5.0	5.0	5.0	5.0	EM	G	G	124	6.3	B 1	Minor deadwood in the crown No obvious defects observed
T122	Ash	21.0	5.0	1	920	9.5	9.5	9.5	9.5	M	F	F	387	11.1	C 1	Apical dieback Conservation value Lateral dieback Major deadwood in the crown Minor deadwood in the crown Generally a poor specimen. monolith for conservation. Cavities present in crown

Tree No	Species	Height (m)	Crown Clearance (m)	No. of Stems	Stem Dia. (mm)	Crown Radius				Age Class	Structure	Vigour	RPA (m)	RPA Radius (m)	Cat	Comments
						N	E	S	W							
T123	Ash	15.0	3.0	1	440	5.0	5.0	5.0	5.0	SM	G	F	92	5.4	B 1	Dense ivy on the stem Light ivy in the crown Limited inspection due to ivy Minor deadwood in the crown No obvious defects observed
T124	Sycamore	15.0	2.0	1	450	5.0	5.0	5.0	5.0	SM	G	G	92	5.4	B 1	No obvious defects observed
T125	Scots pine	10.0	1.0	1	580	1.0	4.0	4.0	1.0	SM	P	F	163	7.2	C 1	Branch stubs observed Dense ivy on the stem Limited inspection due to ivy Minor deadwood in the crown Pruning wounds observed Unsympathetic pruning works for utility maintenance have distorted the form of the tree
T126	Scots pine	10.0	1.5	1	410	2.0	2.0	2.0	2.0	SM	F	G	81	5.1	C 1	Branch stubs observed Hard surfaces within the rooting area Typical crown form No obvious defects observed
T127	Goat willow	6.0	0.5	3	120 140 150	3.0	3.0	3.0	3.0	SM	F	G	28	3.0	C 1	Branch stubs observed No obvious defects observed Typical crown form
T128	Sycamore	24.0	1.0	1	880	9.5	9.5	9.5	9.5	EM	F	G	366	10.8	B 1,2	Branch stubs observed Tear wounds present Minor deadwood in the crown Major deadwood in the crown Wound present on main stem Limited inspection due to dense vegetation Hard surfaces within the rooting area

Tree No	Species	Height (m)	Crown Clearance (m)	No. of Stems	Stem Dia. (mm)	Crown Radius				Age Class	Structure	Vigour	RPA (m)	RPA Radius (m)	Cat	Comments
						N	E	S	W							
T129	Beech	22.0	3.0	1	710	9.0	9.0	9.0	9.0	EM	F	G	238	8.7	B 1,2	Branch stubs observed Epicormic growth on the main stem Branch socket cavity observed Minor deadwood in the crown Major deadwood in the crown Pruning wounds observed
T130	Hornbeam	19.0	8.0	1	440	4.0	4.0	4.0	4.0	SM	F	G	92	5.4	B 1	Branch stubs observed Pruning wounds observed Minor deadwood in the crown
T131	Yew	11.0	2.0	1	390	3.5	3.5	3.5	3.5	SM	F	G	72	4.8	B 1	Branch stubs observed Hard surfaces within the rooting area Minor deadwood in the crown Lateral dieback Unsympathetic pruning works for utility maintenance
T132	Beech	22.0	5.0	1	750	9.0	9.0	9.0	9.0	M	G	G	255	9.0	A 1	Branch stubs observed Hard surfaces within the rooting area Limited inspection due to dense vegetation Typical crown form Tree tag no. 0919
T133	Sycamore	22.0	2.5	1	720	11.0	11.0	11.0	11.0	EM	G	G	238	8.7	B 1	Branch stubs observed Hard surfaces within the rooting area Limited inspection due to dense vegetation Typical crown form Minor deadwood in the crown
T134	Sycamore	23.0	4.0	2	1030 580	10.0	10.0	10.0	10.0	EM	G	G	652	14.4	B 1	Branch stubs observed Hard surfaces within the rooting area Minor deadwood in the crown Major deadwood in the crown Typical crown form

Tree No	Species	Height (m)	Crown Clearance (m)	No. of Stems	Stem Dia. (mm)	Crown Radius				Age Class	Structure	Vigour	RPA (m)	RPA Radius (m)	Cat	Comments
						N	E	S	W							
T135	Sycamore	23.0	3.5	1	1010	8.0	8.0	8.0	8.0	EM	F	G	475	12.3	B 1	Branch stubs observed Dense ivy on the stem Dense ivy in the crown Limited inspection due to ivy Minor deadwood in the crown Major deadwood in the crown
T136	Beech	24.0	0.5	1	790	10.0	10.0	10.0	10.0	EM	G	G	290	9.6	A 1	Branch stubs observed Storm damage observed Tear wounds present Minor deadwood in the crown Major deadwood in the crown Typical crown form Hard surfaces within the rooting area Conservation value
T137	Sycamore	10.0	2.5	1	320	4.5	4.5	4.5	4.5	SM	F	F	48	3.9	C 1	Branch stubs observed Hard surfaces within the rooting area Pruning wounds observed Minor deadwood in the crown Limited inspection due to ivy Dense ivy on the stem Dense ivy in the crown
T138	Sycamore	9.0	0.5	2	200 120	3.0	3.0	3.0	3.0	SM	F,P	F	28	3.0	C 1	Branch stubs observed No obvious defects observed Typical crown form
T139	Goat willow	8.0	0.5	4	280 170 0 0	5.0	5.0	5.0	5.0	SM	F	G	55	4.2	C 1	Branch stubs observed Hard surfaces within the rooting area Typical crown form
T140	Sycamore	13.0	1.0	2	550 270	5.5	5.5	5.5	5.5	EM	F	G	177	7.5	B 1	Branch stubs observed Wound present on main stem Typical crown form

Tree No	Species	Height (m)	Crown Clearance (m)	No. of Stems	Stem Dia. (mm)	Crown Radius				Age Class	Structure	Vigour	RPA (m)	RPA Radius (m)	Cat	Comments
						N	E	S	W							
T141	Sycamore	14.0	0.5	8	800	4.0	4.0	4.0	4.0	EM	F	G	290	9.6	B 1	Branch stubs observed Hard surfaces within the rooting area Limited inspection due to access Minor deadwood in the crown Major deadwood in the crown Typical crown form
T142	Hawthorn	8.0	0.0	6	300	2.0	2.0	2.0	2.0	SM	F	F	41	3.6	C 1	Branch stubs observed Hard surfaces within the rooting area Limited inspection due to dense vegetation Typical crown form
T143	Sycamore	13.0	0.5	62	1110	2.5	2.5	2.5	2.5	SM	F	D,G	573	13.5	U 1	Branch stubs observed Hard surfaces within the rooting area Limited inspection due to dense vegetation Typical crown form
T144	Sycamore	8.0	0.5	3	110 140 130	2.5	2.5	9.0	9.0	SM	F	F	28	3.0	C 1	Branch stubs observed Hard surfaces within the rooting area Limited inspection due to dense vegetation Minor deadwood in the crown Typical crown form
T145	Ash	7.0	1.0	1	160	2.5	2.5	2.5	2.5	SM	F	F	14	2.1	C 1	Branch stubs observed Hard surfaces within the rooting area Typical crown form
T146	Ash	10.0	1.0	1	450	5.0	5.0	5.0	5.0	EM	F	F	92	5.4	C 1	Branch stubs observed Hard surfaces within the rooting area Minor deadwood in the crown Typical crown form

Tree No	Species	Height (m)	Crown Clearance (m)	No. of Stems	Stem Dia. (mm)	Crown Radius				Age Class	Structure	Vigour	RPA (m)	RPA Radius (m)	Cat	Comments
						N	E	S	W							
T147	Sycamore	14.0	0.5	1	410	4.5	4.5	4.5	4.5	EM	F	G	81	5.1	B 1	Branch stubs observed No obvious defects observed Typical crown form Epicormic growth on the main stem
T148	Ash	13.0	2.0	1	580	5.5	5.5	5.5	5.5	EM	F	G	163	7.2	B 1	Branch stubs observed Hard surfaces within the rooting area Epicormic growth on the main stem Minor deadwood in the crown Major deadwood in the crown Typical crown form
T149	Ash	12.0	4.0	4	260 220 340 359	3.0	3.0	3.0	3.0	EM	F	P	177	7.5	U 1	Branch stubs observed Apical dieback Lateral dieback Minor deadwood in the crown Major deadwood in the crown Limited inspection due to ivy Dense ivy on the stem Dense ivy in the crown Tree is in heavy decline I
T150	Sycamore	15.0		2	470 510	6.5	6.5	6.5	6.5	EM	F	G	222	8.4	B 1	Branch stubs observed Limited inspection due to ivy Dense ivy on the stem Dense ivy in the crown Minor deadwood in the crown Epicormic growth on the main stem Typical crown form

Tree No	Species	Height (m)	Crown Clearance (m)	No. of Stems	Stem Dia. (mm)	Crown Radius				Age Class	Structure	Vigour	RPA (m)	RPA Radius (m)	Cat	Comments
						N	E	S	W							
T151	Sycamore	12.0	1.5	1	380	4.5	4.5	4.5	4.5	EM	F	G	72	4.8	B 1	Branch stubs observed Dense ivy on the stem Dense ivy in the crown Limited inspection due to ivy Limited inspection due to dense vegetation Hard surfaces within the rooting area Minor deadwood in the crown Typical crown form
T152	Sycamore	14.0	1.5	4	320 280 340 200	5.5	5.5	5.5	5.5	EM	F	G	163	7.2	B 1	Branch stubs observed Limited inspection due to ivy Limited inspection due to dense vegetation Dense ivy on the stem Dense ivy in the crown Hard surfaces within the rooting area Minor deadwood in the crown Typical crown form No obvious defects observed
T153	Ash	13.0	1.0	1	440	4.5	4.5	4.5	4.5	EM	F	F	92	5.4	C 1	Branch stubs observed Limited inspection due to ivy Limited inspection due to dense vegetation Dense ivy in the crown Dense ivy on the stem Hard surfaces within the rooting area Minor deadwood in the crown Typical crown form

Tree No	Species	Height (m)	Crown Clearance (m)	No. of Stems	Stem Dia. (mm)	Crown Radius				Age Class	Structure	Vigour	RPA (m)	RPA Radius (m)	Cat	Comments
						N	E	S	W							
T154	Sycamore	16.0	3.0	1	710	7.5	7.5	7.5	7.5	EM	F	G	238	8.7	B 1	Branch stubs observed Limited inspection due to dense vegetation Limited inspection due to ivy Dense ivy on the stem Dense ivy in the crown Minor deadwood in the crown Major deadwood in the crown No obvious defects observed Typical crown form
T155	Sycamore	13.0	2.0	1	380	4.0	4.0	4.0	4.0	SM	F	G	72	4.8	B 1	Branch stubs observed Hard surfaces within the rooting area Limited inspection due to access Minor deadwood in the crown Major deadwood in the crown Typical crown form

Tree No	Species	Height (m)	Crown Clearance (m)	No. of Stems	Stem Dia. (mm)	Crown Radius				Age Class	Structure	Vigour	RPA (m)	RPA Radius (m)	Cat	Comments
						N	E	S	W							
G1	Ash Blackthorn Elder English oak Field maple Goat willow Hawthorn Hazel Dogwood Sycamore Cherry	10.0	0.0	-	180	2.0	2.0	2.0	2.0	Y EM SM	G	G	18	2.4	B 2,3	Conjoined canopy Conservation value Dead and dying trees present Hard surfaces within the rooting area Minor deadwood in the crowns No obvious defects observed Provides screening Limited inspection due to dense vegetation.
G2	Ash Field maple Hazel Aspen Dogwood Norway maple Sycamore	12.0	0.0	-	240	4.5	4.5	4.5	4.5	Y EM SM	G,F	G,F	28	3.0	B 2,3	Conjoined canopy Conservation value Dead and dying trees present Minor deadwood in the crowns Provides screening Pruning wounds observed Hard surfaces within the rooting area Retaining feature within RPA.
G3	English oak Hazel Norway maple Scots pine Hawthorn Dogwood sea buckthorn	5.0	0.0	-	110	2.0	2.0	2.0	2.0	Y EM	F	F	7	1.5	C 2,3	Conjoined canopy Conservation value Dead and dying trees present Hard surfaces within the rooting area Provides screening
G4	Ash Blackthorn English oak Field maple Goat willow Hawthorn Hazel Dogwood	11.0	0.0	-	200	3.0	3.0	3.0	3.0	Y EM SM	G	G	18	2.4	B 2,3	Conjoined canopy Conservation value Dead and dying trees present Hard surfaces within the rooting area Minor deadwood in the crowns No obvious defects observed
G5	Ash Blackthorn Hawthorn Sycamore	7.0	0.0	-	90	1.5	1.5	1.5	1.5	Y EM	F	F,P	5	1.2	C 3	Conservation value Dead and dying trees present Group is sparse in areas Hard surfaces within the rooting area

Tree No	Species	Height (m)	Crown Clearance (m)	No. of Stems	Stem Dia. (mm)	Crown Radius				Age Class	Structure	Vigour	RPA (m)	RPA Radius (m)	Cat	Comments
						N	E	S	W							
G6	Ash Blackthorn English oak Field maple Goat willow Hawthorn Hazel Sycamore Dogwood Elder Hybrid black poplar Silver maple	14.0	0.0	-	300	3.5	3.5	3.5	3.5	Y EM SM	G,F	G,F	41	3.6	B 2,3	Conjoined canopy Conservation value Hard surfaces within the rooting area Ivy suppressing a number of trees Provides screening Potential early signs of Ash Dieback.
G7	Ash Blackthorn Hawthorn Dogwood Sycamore Scots pine	7.0	0.0	-	80	1.5	1.5	1.5	1.5	Y EM	F	F	5	1.2	C 3	Conservation value Dead and dying trees present Hard surfaces within the rooting area Group is sparse in areas
G8	Beech Silver birch	14.0	0.0	-	450	5.0	5.0	5.0	5.0	EM SM	G	G	92	5.4	B 2	Conjoined canopy Group is located off site but overhangs the study area Provides screening No obvious defects observed Minor deadwood in the crowns
G9	Ash Blackthorn Hawthorn Privet	6.0	0.5	-	120	1.5	1.5	1.5	1.5	EM	F	F	7	1.5	C 3	Conjoined canopy Conservation value Dead and dying trees present Group is sparse in areas Ivy suppressing a number of trees
G10	Beech Apple Hawthorn Field maple Leyland cypress Lawson cypress Scots pine Silver birch	15.0	0.0	-	480	6.0	6.0	6.0	6.0	Y EM SM	G	G	113	6.0	A 1,2,3	Branch stubs observed Conjoined canopy Provides screening Typical crown forms Minor deadwood in the crowns Conservation value Dead and dying trees present Buffer plantation planting

Tree No	Species	Height (m)	Crown Clearance (m)	No. of Stems	Stem Dia. (mm)	Crown Radius				Age Class	Structure	Vigour	RPA (m)	RPA Radius (m)	Cat	Comments
						N	E	S	W							
G11	Ash Field maple	11.0	1.0	-	180	2.5	2.5	2.5	2.5	EM SM	F	F	18	2.4	C 2,3	Conjoined canopy Dead and dying trees present Group is sparse in areas Hard surfaces within the rooting area Limited inspection due to access Provides screening Typical crown forms Limited contribution
G12	Ash Blackthorn English oak Field maple Hawthorn Sycamore	14.0	0.5	-	180	2.5	2.5	2.5	2.5	EM SM Y	F	G	18	2.4	B 1,2	Branch stubs observed Conservation value Conjoined canopy Dead and dying trees present Limited inspection due to access Provides screening Typical crown forms
G13	Ash Blackthorn English oak Field maple Hawthorn Sycamore	14.0	0.5	-	180	2.5	2.5	2.5	2.5	EM SM Y	F	G	18	2.4	B 1,2	Branch stubs observed Conservation value Conjoined canopy Dead and dying trees present Limited inspection due to access Provides screening Typical crown forms
G14	Blackthorn English elm	6.0	0.5	-	80	2.0	2.0	2.0	2.0	Y SM	F	F	5	1.2	C 1	Branch stubs observed Hard surfaces within the rooting area Dead and dying trees present Conjoined canopy Self seeded trees present Limited contribution
G15	Ash Sycamore Alder	5.0	1.0	-	60	1.0	1.0	1.0	1.0	Y	F	F	3	0.9	C 1	Hard surfaces within the rooting area Branch stubs observed Dead and dying trees present Limited inspection due to access Self seeded trees present

Tree No	Species	Height (m)	Crown Clearance (m)	No. of Stems	Stem Dia. (mm)	Crown Radius				Age Class	Structure	Vigour	RPA (m)	RPA Radius (m)	Cat	Comments
						N	E	S	W							
G16	English elm Leyland cypress	15.0	1.0	-	600	4.5	4.5	4.5	4.5	EM SM	F	F	163	7.2	C 1,2	Branch stubs observed Conservation value Conjoined canopy Dead and dying trees present Hard surfaces within the rooting area Typical crown forms
G17	Ash Blackthorn Hawthorn Field maple Sycamore	11.0	0.5	-	180	2.5	2.5	2.5	2.5	Y EM SM	F	F	18	2.4	C 1,2	Conjoined canopy Branch stubs observed Group is sparse in areas Limited inspection due to access Minor deadwood in the crowns Provides screening Self seeded trees present
G18	Ash Elder Goat willow Hazel Hawthorn	13.0	0.5	-	220	4.0	4.0	4.0	4.0	EM	F	G	23	2.7	B 1,2,3	Branch stubs observed Dead and dying trees present Conjoined canopy Conservation value Group is sparse in areas Minor deadwood in the crowns Major deadwood in the crowns Typical crown forms
G19	Hawthorn	4.0	0.0	-	80	1.5	1.5	1.5	1.5	EM	F	F	5	1.2	C 1	Conservation value Brambles suppressing a number of trees.
G20	Ash Blackthorn Goat willow Hawthorn Dogwood	6.0	0.0	-	150	2.0	2.0	2.0	2.0	Y EM	F	F	10	1.8	C 3	Ivy restricts inspection Ivy suppressing a number of trees No obvious defects observed Provides screening

Tree No	Species	Height (m)	Crown Clearance (m)	No. of Stems	Stem Dia. (mm)	Crown Radius				Age Class	Structure	Vigour	RPA (m)	RPA Radius (m)	Cat	Comments
						N	E	S	W							
G21	Hazel Ash Hawthorn	12.0	0.5	-	220	3.0	3.0	3.0	3.0	EM SM	F	G	23	2.7	B 1,2	Conjoined canopy Conservation value Branch stubs observed Group is sparse in areas Dead and dying trees present Limited inspection due to access Provides screening Minor deadwood in the crowns Major deadwood in the crowns Typical crown forms
G22	Ash Elder Hawthorn Hazel Blackthorn Field maple Crack willow Goat willow Hybrid black poplar	10.0	0.5	-	220	4.0	4.0	4.0	4.0	EM	F	F	23	2.7	C 1	Branch stubs observed Dead and dying trees present Conjoined canopy Conservation value Limited inspection due to health and safety Minor deadwood in the crowns Provides screening Self seeded trees present Typical crown forms
G23	Hybrid black poplar Sycamore	18.0	5.0	-	680	5.5	5.5	5.5	5.5	EM	F	G	222	8.4	B 1,2	Branch stubs observed Conjoined canopy Typical crown forms No obvious defects observed Minor deadwood in the crowns Major deadwood in the crowns Light ivy on stems Light ivy in the crowns

Tree No	Species	Height (m)	Crown Clearance (m)	No. of Stems	Stem Dia. (mm)	Crown Radius				Age Class	Structure	Vigour	RPA (m)	RPA Radius (m)	Cat	Comments
						N	E	S	W							
G24	Hawthorn Hybrid black poplar Sycamore Silver birch Holly Norway maple Privet Dogwood Ash Whitebeam Apple Yew Guelder Rose; Spindle	10.0	0.5	-	150	2.0	2.0	2.0	2.0	Y EM SM	F	F	10	1.8	C 1,2,3	Branch stubs observed Conjoined canopy Conservation value Dead and dying trees present Hard surfaces within the rooting area Group is sparse in areas Limited inspection due to access Provides screening Minor deadwood in the crowns Typical crown forms Self seeded trees present
G25	Ash Blackthorn Field maple Sycamore Dogwood	6.0	0.0	-	170	2.0	2.0	2.0	2.0	Y SM	F	F	14	2.1	C 1,2	Branch stubs observed Conjoined canopy Dead and dying trees present Group is sparse in areas Hard surfaces within the rooting area Limited inspection due to access Minor deadwood in the crowns Provides screening Self seeded trees present Typical crown forms
G26	Ash Sycamore	9.0	2.0	-	180	2.5	2.5	2.5	2.5	Y SM	F	F	18	2.4	C 1,2	Branch stubs observed Group is sparse in areas Dense ivy on the stems Limited inspection due to access Limited inspection due to ivy Typical crown forms Limited contribution

Tree No	Species	Height (m)	Crown Clearance (m)	No. of Stems	Stem Dia. (mm)	Crown Radius				Age Class	Structure	Vigour	RPA (m)	RPA Radius (m)	Cat	Comments
						N	E	S	W							
G27	Ash English oak Field maple Hazel Dogwood Privet Holly Sycamore Norway maple	15.0	1.0	-	350	4.5	4.5	4.5	4.5	EM SM Y	F	G	55	4.2	B 1,2	Branch stubs observed Conservation value Conjoined canopy Dead and dying trees present Group is sparse in areas Hard surfaces within the rooting area Limited inspection due to access Self seeded trees present Typical crown forms Provides screening
G28	Hawthorn Field maple Sycamore	12.0	0.5	-	150	2.0	2.0	2.0	2.0	Y SM EM	F	F	10	1.8	C 1,2	Conjoined canopy Branch stubs observed Dead and dying trees present Group is sparse in areas Hard surfaces within the rooting area Limited inspection due to access Minor deadwood in the crowns Provides screening Self seeded trees present
G29	Ash Blackthorn English oak Field maple Goat willow Hawthorn Hazel Silver birch Sycamore	7.0	0.0	-	200	2.5	2.5	2.5	2.5	Y EM	G	G	18	2.4	B 2,3	Conjoined canopy Conservation value Dead and dying trees present Minor deadwood in the crowns Provides screening
G30	English elm Sycamore	6.0	0.0	-	140	2.0	2.0	2.0	2.0	Y EM	F	F	10	1.8	C 3	Conjoined canopy Conservation value Group is sparse in areas Ivy suppressing a number of trees Dead and dying trees present

Tree No	Species	Height (m)	Crown Clearance (m)	No. of Stems	Stem Dia. (mm)	Crown Radius				Age Class	Structure	Vigour	RPA (m)	RPA Radius (m)	Cat	Comments
						N	E	S	W							
G31	Sycamore	9.0	0.0	-	140	1.5	1.5	1.5	1.5	EM	F	F	10	1.8	C 3	Conjoined canopy Conservation value Dense ivy in the crowns Dense ivy on the stems Ivy restricts inspection Ivy suppressing a number of trees
G32	Beech Cherry Hazel Holly English oak Rowan Norway spruce	14.0	0.0	-	300	3.0	3.0	3.0	3.0	Y EM SM	G	G	41	3.6	B 2,3	Conjoined canopy Conservation value No obvious defects observed Provides screening Building within the rooting area Hard surfaces within the rooting area
G33	Dogwood Goat willow Field maple Viburnum	5.0	0.0	-	150	2.0	2.0	2.0	2.0	Y SM	F	F	10	1.8	C 1,2	Branch stubs observed Conjoined canopy Conservation value Dead and dying trees present Group is sparse in areas Provides screening
G34	Ash Field maple	10.0	0.0	-	180	3.0	3.0	3.0	3.0	Y SM EM	F	G	18	2.4	B 1,2	Branch stubs observed Conjoined canopy Conservation value Dead and dying trees present Dense ivy on the stems Group is sparse in areas Hard surfaces within the rooting area Ivy suppressing a number of trees Limited inspection due to access Limited inspection due to ivy Minor deadwood in the crowns Provides screening Self seeded trees present Typical crown forms

Tree No	Species	Height (m)	Crown Clearance (m)	No. of Stems	Stem Dia. (mm)	Crown Radius				Age Class	Structure	Vigour	RPA (m)	RPA Radius (m)	Cat	Comments
						N	E	S	W							
G35	Ash Sycamore Hawthorn	8.0	0.0	-	150	2.0	2.0	2.0	2.0	Y SM	F	F	10	1.8	C 1,2	Branch stubs observed Conjoined canopy Conservation value Dead and dying trees present Group is sparse in areas Hard surfaces within the rooting area Limited inspection due to access Provides screening
G36	Hazel Sycamore Field maple Blackthorn Ash Dogwood Hawthorn	10.0	0.5	-	200	3.0	3.0	3.0	3.0	EM SM Y	F	G	18	2.4	B 1,2	Branch stubs observed Hard surfaces within the rooting area Group is sparse in areas Dead and dying trees present Conjoined canopy Conservation value Limited inspection due to access Minor deadwood in the crowns Provides screening
G37	Ash Dogwood Field maple Hawthorn Hazel Holly	9.0	0.5	-	150	2.0	2.0	2.0	2.0	Y SM	F	F	10	1.8	C 1,2	Branch stubs observed Hard surfaces within the rooting area Group is sparse in areas Conjoined canopy Limited inspection due to access Minor deadwood in the crowns Provides screening
G38	Ash Sycamore	14.0	2.0	-	480	5.0	5.0	5.0	5.0	EM SM	F	G	113	6.0	B 1,2	Branch stubs observed Group is sparse in areas Hard surfaces within the rooting area Conjoined canopy Limited inspection due to access Minor deadwood in the crowns Major deadwood in the crowns Provides screening Dense ivy on the stems Limited inspection due to ivy

Tree No	Species	Height (m)	Crown Clearance (m)	No. of Stems	Stem Dia. (mm)	Crown Radius				Age Class	Structure	Vigour	RPA (m)	RPA Radius (m)	Cat	Comments
						N	E	S	W							
G39	Ash Hawthorn Sycamore	7.0	0.0	-	60	1.5	1.5	1.5	1.5	Y EM	F	F	3	0.9	C 2,3	Conjoined canopy Conservation value Dead and dying trees present Early symptoms of ash dieback.
G40	Ash Sycamore Yew Hawthorn Field maple English oak Elder Blackthorn	15.0	1.5	-	450	5.5	5.5	5.5	5.5	Y EM SM	F	G	92	5.4	B 1,2	Branch stubs observed Conjoined canopy Conservation value Dead and dying trees present Group is sparse in areas Hard surfaces within the rooting area Ivy suppressing a number of trees Limited inspection due to access Minor deadwood in the crowns Provides screening Typical crown forms
G41	Ash Sycamore Yew Hawthorn Field maple English oak Elder Blackthorn	15.0	1.5	-	450	5.5	5.5	5.5	5.5	Y EM SM	F	G	92	5.4	B 1,2	Branch stubs observed Conjoined canopy Conservation value Dead and dying trees present Group is sparse in areas Hard surfaces within the rooting area Ivy suppressing a number of trees Limited inspection due to access Minor deadwood in the crowns Provides screening Typical crown forms

Tree No	Species	Height (m)	Crown Clearance (m)	No. of Stems	Stem Dia. (mm)	Crown Radius				Age Class	Structure	Vigour	RPA (m)	RPA Radius (m)	Cat	Comments
						N	E	S	W							
G42	Ash Sycamore Yew Hawthorn Field maple English oak Elder Blackthorn	15.0	1.5	-	450	5.5	5.5	5.5	5.5	Y EM SM	F	G	92	5.4	B 1,2	Branch stubs observed Conjoined canopy Conservation value Dead and dying trees present Group is sparse in areas Hard surfaces within the rooting area Ivy suppressing a number of trees Limited inspection due to access Minor deadwood in the crowns Provides screening Typical crown forms
G43	Ash Sycamore Yew Hawthorn Field maple English oak Elder Blackthorn	15.0	1.5	-	450	5.5	5.5	5.5	5.5	Y EM SM	F	G	92	5.4	B 1,2	Branch stubs observed Conjoined canopy Conservation value Dead and dying trees present Group is sparse in areas Hard surfaces within the rooting area Ivy suppressing a number of trees Limited inspection due to access Minor deadwood in the crowns Provides screening Typical crown forms
G44	Beech	21.0	4.0	-	600	7.0	7.0	7.0	7.0	SM M	G,F	G,F	163	7.2	A 1,2,3	Conjoined canopy Conservation value Minor deadwood in the crowns No obvious defects observed Provides screening

Tree No	Species	Height (m)	Crown Clearance (m)	No. of Stems	Stem Dia. (mm)	Crown Radius				Age Class	Structure	Vigour	RPA (m)	RPA Radius (m)	Cat	Comments
						N	E	S	W							
G45	European lime Ash Lawson cypress Leyland cypress English elm Norway maple Sycamore Hazel Holly Hawthorn	18.0	1.0	-	520	6.0	6.0	6.0	6.0	EM SM Y	G	G	124	6.3	A 1,2	Conjoined canopy Branch stubs observed Dead and dying trees present Ivy suppressing a number of trees Limited inspection due to access Minor deadwood in the crowns Major deadwood in the crowns Provides screening Typical crown forms
G46	Ash European lime Hazel Hawthorn English elm Field maple Rowan Sycamore Norway maple Whitebeam	10.0	0.5	-	300	4.0	4.0	4.0	4.0	EM Y SM	F	F	41	3.6	C 1,2	Branch stubs observed Conjoined canopy Group is sparse in areas Limited inspection due to access Ivy suppressing a number of trees Dead and dying trees present Minor deadwood in the crowns Major deadwood in the crowns Self seeded trees present Significant mammal damage on majority of trees
G47	Ash	22.0		-	500	4.5	4.5	4.5	4.5	EM	F	F	113	6.0	C 1,2	Branch stubs observed Conjoined canopy Limited inspection due to access Minor deadwood in the crowns Major deadwood in the crowns Dense ivy on the stems Light ivy in the crowns Limited inspection due to ivy Potential signs of Ash Dieback

Tree No	Species	Height (m)	Crown Clearance (m)	No. of Stems	Stem Dia. (mm)	Crown Radius				Age Class	Structure	Vigour	RPA (m)	RPA Radius (m)	Cat	Comments
						N	E	S	W							
G48	Ash Field maple Hazel Hawthorn Sycamore Privet Alder English oak	12.0	1.0	-	300	4.5	4.5	4.5	4.5	EM	F	G	41	3.6	B 1,2	Conjoined canopy Branch stubs observed Conservation value Dead and dying trees present Group is sparse in areas Limited inspection due to access Minor deadwood in the crowns Major deadwood in the crowns Self seeded trees present Typical crown forms Note for GIS: Group extends to Highways fence ONLY Indicators of Ash Dieback noted
G49	Sycamore	22.0	2.0	-	780	9.5	9.5	9.5	9.5	SM M	G	G	290	9.6	A 1,2	Conjoined canopy Group is sparse in areas Minor deadwood in the crowns No obvious defects observed Provides screening
G50	Ash Alder Goat willow	15.0	2.0	-	150	3.0	3.0	3.0	3.0	Y SM EM	F	F	10	1.8	C 1,2	Branch stubs observed Conjoined canopy Dead and dying trees present Group is sparse in areas Limited inspection due to access Self seeded trees present Limited contribution
G51	Ash Sycamore Hawthorn	7.0	1.0	-	150	2.5	2.5	2.5	2.5	Y SM	F	F	10	1.8	C 1	Branch stubs observed Conjoined canopy Dead and dying trees present Group is sparse in areas Hard surfaces within the rooting area Limited inspection due to access Minor deadwood in the crowns Provides screening Self seeded trees present

Tree No	Species	Height (m)	Crown Clearance (m)	No. of Stems	Stem Dia. (mm)	Crown Radius				Age Class	Structure	Vigour	RPA (m)	RPA Radius (m)	Cat	Comments
						N	E	S	W							
G52	Sycamore	18.0	5.0	-	500	6.0	6.0	6.0	6.0	EM	F	G	113	6.0	B 1,2	Branch stubs observed Conservation value Conjoined canopy Group is sparse in areas Dead and dying trees present Limited inspection due to access Provides screening Minor deadwood in the crowns Major deadwood in the crowns
G53	Ash Blackthorn Beech English oak Goat willow Hawthorn Sycamore	10.0	1.0	-	200	3.5	3.5	3.5	3.5	Y SM EM	F	F	18	2.4	C 1,2	Branch stubs observed Conjoined canopy Dead and dying trees present Group is sparse in areas Hard surfaces within the rooting area Limited inspection due to access Provides screening Typical crown forms Self seeded trees present Minor deadwood in the crowns Major deadwood in the crowns
G54	Raywood Ash	16.0	1.0	-	430	7.0	7.0	7.0	7.0	EM	F	G	92	5.4	B 1,2	Branch stubs observed Hard surfaces within the rooting area Minor deadwood in the crowns No obvious defects observed Typical crown forms
G55	Horse chestnut Sycamore Yew Cherry Lawson cypress	22.0	2.5	-	1000	9.5	9.5	9.5	9.5	EM SM M	G	G	452	12.0	A 1,2	Branch stubs observed Building within the rooting area Hard surfaces within the rooting area Group is sparse in areas Conjoined canopy Conservation value Dead and dying trees present Limited inspection due to access Minor deadwood in the crowns Provides screening Typical crown forms

Tree No	Species	Height (m)	Crown Clearance (m)	No. of Stems	Stem Dia. (mm)	Crown Radius				Age Class	Structure	Vigour	RPA (m)	RPA Radius (m)	Cat	Comments
						N	E	S	W							
G56	Norway maple Ash Hazel Cherry	16.0	2.0	-	240	4.0	4.0	4.0	4.0	Y EM SM	F	F	28	3.0	C 1,2	Branch stubs observed Conjoined canopy Dead and dying trees present Group is sparse in areas Hard surfaces within the rooting area Limited inspection due to access Minor deadwood in the crowns Provides screening Self seeded trees present
G57	Lawson cypress Sycamore Beech	16.0	2.5	-	400	5.0	5.0	5.0	5.0	EM	F	G	72	4.8	B 1,2	Branch stubs observed Group is sparse in areas Hard surfaces within the rooting area Dead and dying trees present Conjoined canopy Conservation value Limited inspection due to access No obvious defects observed Minor deadwood in the crowns Major deadwood in the crowns Provides screening Typical crown forms
G58	Ash Sycamore	22.0	4.0	-	490	5.5	5.5	5.5	5.5	EM	F	G	113	6.0	B 1,2	Branch stubs observed Conjoined canopy Building within the rooting area Hard surfaces within the rooting area Dead and dying trees present Conservation value Limited inspection due to access Minor deadwood in the crowns Provides screening Refuse from residential gardens within RPAs Multiple trees have stem wounds with decay evident RECOMMENDATION - Decay detection on wounded trees

Tree No	Species	Height (m)	Crown Clearance (m)	No. of Stems	Stem Dia. (mm)	Crown Radius				Age Class	Structure	Vigour	RPA (m)	RPA Radius (m)	Cat	Comments
						N	E	S	W							
G59	Ash	17.0	4.0	-	250	4.0	4.0	4.0	4.0	SM EM	F	P	28	3.0	U	Branch stubs observed Minor deadwood in the crowns Major deadwood in the crowns Evidence of Ash Dieback Trees functionally compromised
G60	Sycamore Ash Hazel Hawthorn	14.0	1.0	-	420	5.0	5.0	5.0	5.0	EM SM Y	F	G	81	5.1	B 1,2	Branch stubs observed Building within the rooting area Group is sparse in areas Hard surfaces within the rooting area Conjoined canopy Conservation value Dead and dying trees present Limited inspection due to access Minor deadwood in the crowns Provides screening Typical crown forms
G61	Ash Cherry Silver birch	6.0	2.0	-	150	2.5	2.5	2.5	2.5	Y SM	F	F	10	1.8	C 1	Branch stubs observed Minor deadwood in the crowns Hard surfaces within the rooting area Major deadwood in the crowns
G62	Blackthorn Goat willow Hawthorn Ash Osier Budelia	4.0	0.0	-	50	1.5	1.5	1.5	1.5	Y	F	F	3	0.9	C 3	Conservation value Dead and dying trees present Group is made up of self seeded trees. Brambles suppress a number of trees. Limited inspection due to dense vegetation.

Tree No	Species	Height (m)	Crown Clearance (m)	No. of Stems	Stem Dia. (mm)	Crown Radius				Age Class	Structure	Vigour	RPA (m)	RPA Radius (m)	Cat	Comments
						N	E	S	W							
G63	Ash Blackthorn English elm English oak Field maple Goat willow Hawthorn Hazel Silver birch Sycamore Dogwood Rowan Yew Beech	13.0	0.0	-	280	3.5	3.5	3.5	3.5	Y EM	G	G	41	3.6	B 2,3	Conjoined canopy Conservation value Dead and dying trees present Limited inspection due to access Minor deadwood in the crowns No obvious defects observed Provides screening
G64	Ash Blackthorn Field maple Hawthorn Hazel Silver birch Sycamore Beech	12.0	0.0	-	320	4.5	4.5	4.5	4.5	Y EM	F	F	48	3.9	B 2	Conjoined canopy Conservation value Dead and dying trees present Minor deadwood in the crowns No obvious defects observed Provides screening
G65	Ash Blackthorn Elder Field maple Hawthorn	9.0	0.0	-	150	3.5	3.5	3.5	3.5	Y EM	F	F	10	1.8	C 2,3	Conjoined canopy Conservation value Dead and dying trees present Provides screening Signs of Ash Dieback present.
G66	Ash Blackthorn English oak Field maple Hawthorn Hazel Cherry laurel Dogwood Elder Silver birch Sycamore	13.0	0.0	-	300	3.5	3.5	3.5	3.5	Y EM SM	G	G	41	3.6	B 1,2,3	Conjoined canopy Conservation value Dead and dying trees present Ivy restricts inspection Ivy suppressing a number of trees Limited inspection due to ivy Minor deadwood in the crowns No obvious defects observed Provides screening Signs of Ash Dieback present.

Tree No	Species	Height (m)	Crown Clearance (m)	No. of Stems	Stem Dia. (mm)	Crown Radius				Age Class	Structure	Vigour	RPA (m)	RPA Radius (m)	Cat	Comments
						N	E	S	W							
G67	Dogwood Field maple Hawthorn	6.0	1.0	-	120	1.5	1.5	1.5	1.5	Y SM	F	F	7	1.5	C 1	Branch stubs observed Group is sparse in areas Hard surfaces within the rooting area Minor deadwood in the crowns Dead and dying trees present Typical crown forms Self seeded trees present Limited contribution
G68	Field maple	8.0	1.5	-	170	3.0	3.0	3.0	3.0	EM SM	F	G	14	2.1	B 1,2	Branch stubs observed Conjoined canopy Conservation value Dead and dying trees present Group is sparse in areas Hard surfaces within the rooting area Minor deadwood in the crowns Provides screening Typical crown forms
G69	Ash Dogwood Field maple English oak Hawthorn	9.0	1.0	-	150	2.5	2.5	2.5	2.5	Y EM SM	F	G	10	1.8	C 1,2	Branch stubs observed Conjoined canopy Dead and dying trees present Group is sparse in areas Hard surfaces within the rooting area Conservation value Limited inspection due to access Minor deadwood in the crowns Provides screening Self seeded trees present Typical crown forms Evidence of Ash Dieback on multiple trees
G71	Beech	11.0	1.0	-	230	3.0	3.0	3.0	3.0	EM	F	G	28	3.0	B 1,2	Branch stubs observed Group is sparse in areas Minor deadwood in the crowns No obvious defects observed Pruning wounds observed Typical crown forms

Tree No	Species	Height (m)	Crown Clearance (m)	No. of Stems	Stem Dia. (mm)	Crown Radius				Age Class	Structure	Vigour	RPA (m)	RPA Radius (m)	Cat	Comments
						N	E	S	W							
G72	Ash English oak Field maple Hawthorn Dogwood Laburnum Beech	8.0	1.0	-	120	2.5	2.5	2.5	2.5	Y SM	F	F	7	1.5	C 1,2	Branch stubs observed Conjoined canopy Dead and dying trees present Group is sparse in areas Hard surfaces within the rooting area Minor deadwood in the crowns Self seeded trees present Typical crown forms Limited contribution
G72	Hawthorn	5.0	1.0	-	100	1.5	1.5	1.5	1.5	Y SM	F	F	5	1.2	C 1,2	Branch stubs observed Group is sparse in areas Limited inspection due to access Typical crown forms Limited contribution
G73	Ash English oak Field maple Hawthorn Beech Dogwood Laburnum	8.0	1.0	-	150	2.5	2.5	2.5	2.5	Y EM SM	F	F	10	1.8	C 1,2	Branch stubs observed Group is sparse in areas Dead and dying trees present Minor deadwood in the crowns Provides screening Typical crown forms Self seeded trees present Evidence of Ash Dieback on multiple trees Limited inspection due to dense vegetation
G74	Ash	12.0	5.0	-	180	2.0	2.0	2.0	2.0	EM SM	F	F	18	2.4	C 1,2	Branch stubs observed Group is sparse in areas Hard surfaces within the rooting area Dead and dying trees present Typical crown forms Limited contribution

Tree No	Species	Height (m)	Crown Clearance (m)	No. of Stems	Stem Dia. (mm)	Crown Radius				Age Class	Structure	Vigour	RPA (m)	RPA Radius (m)	Cat	Comments
						N	E	S	W							
G75	Ash Beech English oak Field maple Hawthorn Sycamore	12.0	1.0	-	240	3.5	3.5	3.5	3.5	EM Y SM	F	G	28	3.0	B 1,2	Branch stubs observed Conjoined canopy Dead and dying trees present Conservation value Group is sparse in areas Hard surfaces within the rooting area Minor deadwood in the crowns Provides screening Self seeded trees present Typical crown forms Evidence of Ash Dieback on multiple trees Limited inspection due to dense vegetation
G76	Field maple	12.0	2.5	-	220	3.5	3.5	3.5	3.5	EM SM	F	G	23	2.7	B 1,2	Branch stubs observed Conjoined canopy Group is sparse in areas Hard surfaces within the rooting area Minor deadwood in the crowns No obvious defects observed Provides screening Typical crown forms
G77	Ash Field maple Hawthorn English oak Dogwood	10.0	1.0	-	150	2.0	2.0	2.0	2.0	Y SM	F	F	10	1.8	C 1,2	Branch stubs observed Conjoined canopy Dead and dying trees present Group is sparse in areas Hard surfaces within the rooting area Limited inspection due to access Provides screening Self seeded trees present Typical crown forms Evidence of Ash Dieback on multiple trees

Tree No	Species	Height (m)	Crown Clearance (m)	No. of Stems	Stem Dia. (mm)	Crown Radius				Age Class	Structure	Vigour	RPA (m)	RPA Radius (m)	Cat	Comments
						N	E	S	W							
G78	Ash Field maple English oak Hawthorn	12.0	1.0	-	150	2.0	2.0	2.0	2.0	Y SM EM	F	F	10	1.8	C 1,2	Branch stubs observed Conjoined canopy Dead and dying trees present Group is sparse in areas Hard surfaces within the rooting area Self seeded trees present Limited inspection due to dense vegetation
G79	Ash Cherry	10.0	2.0	-	270	5.5	5.5	5.5	5.5	EM SM	F	G	34	3.3	C 1,2	Branch stubs observed Group is sparse in areas Minor deadwood in the crowns Typical crown forms Limited inspection due to dense vegetation
G80	Ash Hawthorn Cherry Dogwood Spindle	8.0	0.0	-	100	2.0	2.0	2.0	2.0	Y EM SM	F	F	5	1.2	C 1,2	Branch stubs observed Conjoined canopy Dead and dying trees present Group is sparse in areas Minor deadwood in the crowns Provides screening Self seeded trees present Limited inspection due to dense vegetation Limited contribution
G81	Ash Cherry	9.0	1.0	-	260	3.5	3.5	3.5	3.5	SM EM	F	G	34	3.3	C 1,2	Branch stubs observed Group is sparse in areas Dead and dying trees present Minor deadwood in the crowns Typical crown forms Limited inspection due to dense vegetation Limited contribution

Tree No	Species	Height (m)	Crown Clearance (m)	No. of Stems	Stem Dia. (mm)	Crown Radius				Age Class	Structure	Vigour	RPA (m)	RPA Radius (m)	Cat	Comments
						N	E	S	W							
G82	Ash	10.0	1.0	-	200	3.0	3.0	3.0	3.0	EM SM	F	F	18	2.4	C 1,2	Branch stubs observed Dead and dying trees present Group is sparse in areas Hard surfaces within the rooting area Typical crown forms Limited inspection due to dense vegetation Limited contribution
G83	Cherry	11.0	1.0	-	220	3.0	3.0	3.0	3.0	SM EM	F	G	23	2.7	C 1,2	Group is sparse in areas Branch stubs observed Dead and dying trees present Typical crown forms No obvious defects observed Limited inspection due to dense vegetation Limited contribution
G84	Ash Cherry	12.0	5.0	-	180	2.0	2.0	2.0	2.0	EM SM	F	F	18	2.4	C 1,2	Branch stubs observed Dead and dying trees present Group is sparse in areas Minor deadwood in the crowns Self seeded trees present Typical crown forms Limited inspection due to dense vegetation Evidence of Ash Dieback on multiple trees Limited contribution
G85	Sycamore	12.0	2.5	-	350	3.0	3.0	3.0	3.0	EM SM	F	G	55	4.2	B 1,2	Conjoined canopy Group is sparse in areas Minor deadwood in the crowns Tear wounds observed Branch stubs observed Branch socket cavities

Tree No	Species	Height (m)	Crown Clearance (m)	No. of Stems	Stem Dia. (mm)	Crown Radius				Age Class	Structure	Vigour	RPA (m)	RPA Radius (m)	Cat	Comments
						N	E	S	W							
G86	Ash Field maple	11.0	3.0	-	190	2.0	2.0	2.0	2.0	EM SM	F	F	18	2.4	C 1,2	Branch stubs observed Conjoined canopy Dead and dying trees present Group is sparse in areas Limited inspection due to dense vegetation Limited contribution
G87	Ash Cherry Dogwood Hawthorn Hazel English oak Field maple Sycamore	6.0	1.0	-	120	1.5	1.5	1.5	1.5	Y SM	F	F	7	1.5	C 1,2	Branch stubs observed Conjoined canopy Dead and dying trees present Group is sparse in areas Provides screening Typical crown forms Self seeded trees present Limited inspection due to dense vegetation Limited contribution
G88	Ash Cherry	8.0	1.0	-	150	2.0	2.0	2.0	2.0	SM Y	F	F	10	1.8	C 1	Branch stubs observed Conjoined canopy Dead and dying trees present Group is sparse in areas Hard surfaces within the rooting area Limited inspection due to access Minor deadwood in the crowns Self seeded trees present Typical crown forms Limited contribution
G89	Ash Blackthorn Elder Dogwood Field maple Hawthorn Sycamore	15.0	0.5	-	200	3.5	3.5	3.5	3.5	Y SM EM	F	G	18	2.4	B 1,2	Branch stubs observed Conjoined canopy Dead and dying trees present Conservation value Group is sparse in areas Limited inspection due to access Provides screening Typical crown forms No obvious defects observed
G90	Hawthorn Sycamore	4.0	1.0	-	80	1.5	1.5	1.5	1.5	Y	F	F	5	1.2	C 1	Group is sparse in areas Limited inspection due to access Limited contribution

Tree No	Species	Height (m)	Crown Clearance (m)	No. of Stems	Stem Dia. (mm)	Crown Radius				Age Class	Structure	Vigour	RPA (m)	RPA Radius (m)	Cat	Comments
						N	E	S	W							
G91	Ash Hawthorn Field maple	10.0	1.0	-	350	4.0	4.0	4.0	4.0	SM EM	F	G	55	4.2	C 1,2	Branch stubs observed Group is sparse in areas Limited inspection due to access Hard surfaces within the rooting area Typical crown forms
G92	Sycamore	14.0	2.0	-	280	3.5	3.5	3.5	3.5	EM SM	F	G	41	3.6	B 1,2	Branch stubs observed Conjoined canopy Group is sparse in areas Limited inspection due to access Ivy suppressing a number of trees Minor deadwood in the crowns Provides screening Typical crown forms
G93	Hawthorn	7.0	0.0	-	150	2.0	2.0	2.0	2.0	SM Y	F	F	10	1.8	C 1	Branch stubs observed Conjoined canopy Group is sparse in areas Hard surfaces within the rooting area Limited inspection due to access Typical crown forms
G94	Ash Hawthorn Goat willow Holly Blackthorn English elm Sycamore	8.0	1.0	-	150	2.0	2.0	2.0	2.0	Y SM	F	F	10	1.8	C 1,2	Branch stubs observed Conjoined canopy Group is sparse in areas Limited inspection due to access Dead and dying trees present Minor deadwood in the crowns Provides screening Typical crown forms Limited contribution

Tree No	Species	Height (m)	Crown Clearance (m)	No. of Stems	Stem Dia. (mm)	Crown Radius				Age Class	Structure	Vigour	RPA (m)	RPA Radius (m)	Cat	Comments
						N	E	S	W							
G95	Lawson cypress Leyland cypress Western red cedar	18.0	1.0	-	400	4.5	4.5	4.5	4.5	EM SM	F	G	72	4.8	B 1,2	Limited inspection due to access Group is sparse in areas Hard surfaces within the rooting area Branch stubs observed Dead and dying trees present Conjoined canopy Conservation value Provides screening Typical crown forms
G96	Ash Sycamore	14.0	2.0	-	170	2.5	2.5	2.5	2.5	SM EM	P	P	14	2.1	U	Conjoined canopy Dead and dying trees present Group is sparse in areas Hard surfaces within the rooting area Trees showing signs of decline Negligible potential
G98	Sycamore	18.0	2.0	-	420	5.0	5.0	5.0	5.0	SM EM	F	G	81	5.1	B 1,2	Branch stubs observed Conjoined canopy Hard surfaces within the rooting area Dense ivy on the stems Dense ivy in the crowns Limited inspection due to ivy Limited inspection due to access Minor deadwood in the crowns Typical crown forms Provides screening
G99	Ash Hawthorn Sycamore Goat willow	20.0	1.0	-	380	5.5	5.5	5.5	5.5	EM SM Y	F	F	72	4.8	C 1,2	Branch stubs observed Hard surfaces within the rooting area Group is sparse in areas Limited inspection due to access Minor deadwood in the crowns Major deadwood in the crowns Provides screening Self seeded trees present Typical crown forms Conjoined canopy Dead and dying trees present

Tree No	Species	Height (m)	Crown Clearance (m)	No. of Stems	Stem Dia. (mm)	Crown Radius				Age Class	Structure	Vigour	RPA (m)	RPA Radius (m)	Cat	Comments
						N	E	S	W							
G100	Ash Blackthorn Field maple Hawthorn Hazel Dogwood	5.0	0.0	-	150	2.0	2.0	2.0	2.0	Y SM	F	F	10	1.8	C 1,2	Branch stubs observed Conjoined canopy Dead and dying trees present Group is sparse in areas Hard surfaces within the rooting area Provides screening Typical crown forms Self seeded trees present
G101	Field maple Hazel Sycamore Hawthorn Dogwood	8.0	1.0	-	250	3.0	3.0	3.0	3.0	SM EM	F	G	28	3.0	B 1,2	Branch stubs observed Conjoined canopy Conservation value Dead and dying trees present Group is sparse in areas Hard surfaces within the rooting area Limited inspection due to access Minor deadwood in the crowns Provides screening No obvious defects observed Typical crown forms
G102	Field maple Hawthorn Dogwood Blackthorn Ash	7.0	0.5	-	150	2.5	2.5	2.5	2.5	EM Y SM	F	F	10	1.8	C 1,2	Branch stubs observed Conjoined canopy Dead and dying trees present Group is sparse in areas Hard surfaces within the rooting area Provides screening Typical crown forms Self seeded trees present
G103	Field maple	8.5	1.0	-	220	3.5	3.5	3.5	3.5	SM	F	G	23	2.7	B 1,2	Branch stubs observed Group is sparse in areas Minor deadwood in the crowns No obvious defects observed Typical crown forms Limited inspection due to dense vegetation

Tree No	Species	Height (m)	Crown Clearance (m)	No. of Stems	Stem Dia. (mm)	Crown Radius				Age Class	Structure	Vigour	RPA (m)	RPA Radius (m)	Cat	Comments
						N	E	S	W							
G104	Ash	14.0	4.0	-	250	2.5	2.5	2.5	2.5	SM	F	F	28	3.0	C 1	Branch stubs observed Group is sparse in areas Minor deadwood in the crowns Typical crown forms Limited inspection due to dense vegetation Limited contribution
G105	Ash Cherry	15.0	2.0	-	200	3.5	3.5	3.5	3.5	SM EM	F	F	18	2.4	C 1	Conjoined canopy Branch stubs observed Group is sparse in areas Dead and dying trees present Limited inspection due to access Minor deadwood in the crowns Self seeded trees present Typical crown forms Limited contribution
G106	Ash Cherry Sycamore	18.0	2.0	-	320	4.5	4.5	4.5	4.5	SM EM	F	F	48	3.9	C 1	Conjoined canopy Group is sparse in areas Branch stubs observed Limited inspection due to access Typical crown forms Limited contribution
G107	Ash Cherry Field maple Hawthorn	17.0	2.0	-	280	3.5	3.5	3.5	3.5	SM EM	F	F	41	3.6	C 1,2	Branch stubs observed Group is sparse in areas Minor deadwood in the crowns Self seeded trees present Limited inspection due to dense vegetation Limited contribution
G108	Ash	10.0	2.5	-	200	2.5	2.5	2.5	2.5	SM	F	F	18	2.4	C 1	Branch stubs observed Group is sparse in areas Minor deadwood in the crowns Typical crown forms Limited inspection due to dense vegetation Limited contribution
G109	Ash	19.0		-	170	2.0	2.0	2.0	2.0	SM	F	F	14	2.1	C 1	Branch stubs observed Minor deadwood in the crowns Typical crown forms Limited contribution

Tree No	Species	Height (m)	Crown Clearance (m)	No. of Stems	Stem Dia. (mm)	Crown Radius				Age Class	Structure	Vigour	RPA (m)	RPA Radius (m)	Cat	Comments
						N	E	S	W							
G110	Cherry	11.0		-	220	3.0	3.0	3.0	3.0	EM SM	F	G	23	2.7	C 1,2	Branch stubs observed Group is sparse in areas Minor deadwood in the crowns Typical crown forms
G111	Hawthorn Blackthorn Ash Field maple English elm Hazel	6.0	0.0	-	150	2.0	2.0	2.0	2.0	SM Y	F	F	10	1.8	C 1,2	Branch stubs observed Conjoined canopy Dead and dying trees present Group is sparse in areas Hard surfaces within the rooting area Limited inspection due to access Provides screening Self seeded trees present Typical crown forms
G112	Blackthorn Ash English elm English oak Field maple Goat willow Hawthorn Hazel Holly Silver birch Sycamore Cherry Dogwood Privet	8.0	0.0	-	180	2.5	2.5	2.5	2.5	EM SM Y	F	F	18	2.4	C 1,2	Branch stubs observed Conjoined canopy Conservation value Dead and dying trees present Group is sparse in areas Hard surfaces within the rooting area Limited inspection due to access Limited inspection due to health and safety Minor deadwood in the crowns Provides screening Typical crown forms Self seeded trees present

Tree No	Species	Height (m)	Crown Clearance (m)	No. of Stems	Stem Dia. (mm)	Crown Radius				Age Class	Structure	Vigour	RPA (m)	RPA Radius (m)	Cat	Comments
						N	E	S	W							
G113	Ash Blackthorn Field maple Goat willow Hawthorn Hazel Dogwood	7.0	0.0	-	170	2.5	2.5	2.5	2.5	Y SM	F	F	14	2.1	C 1,2	Branch stubs observed Conjoined canopy Dead and dying trees present Group is sparse in areas Hard surfaces within the rooting area Limited inspection due to access Limited inspection due to health and safety Provides screening Typical crown forms Self seeded trees present
G114	Hybrid black poplar Hazel Ash Sycamore Alder Hawthorn Crack willow Cherry laurel	25.0	1.0	-	900	8.0	8.0	8.0	8.0	EM SM Y	F	F	366	10.8	C 1,2	Conjoined canopy Branch stubs observed Dead and dying trees present Group is sparse in areas Hard surfaces within the rooting area Limited inspection due to access Limited inspection due to health and safety Minor deadwood in the crowns Major deadwood in the crowns Provides screening Self seeded trees present Low quality group, unsuitable for planting near roadside
G115	Hybrid black poplar	24.0	5.0	-	800	7.0	7.0	7.0	7.0	EM SM	F	F	290	9.6	C 1,2	Branch stubs observed Conjoined canopy Dead and dying trees present Group is sparse in areas Limited inspection due to health and safety Limited inspection due to access Group located by watercourse

Tree No	Species	Height (m)	Crown Clearance (m)	No. of Stems	Stem Dia. (mm)	Crown Radius				Age Class	Structure	Vigour	RPA (m)	RPA Radius (m)	Cat	Comments
						N	E	S	W							
G116	Hybrid black poplar Hawthorn Hazel Privet Sycamore	24.0	0.0	-	800	7.5	7.5	7.5	7.5	SM EM	F	G	290	9.6	B 1,2	Branch stubs observed Conjoined canopy Conservation value Dead and dying trees present Group is sparse in areas Limited inspection due to access Limited inspection due to health and safety Minor deadwood in the crowns Major deadwood in the crowns Provides screening Typical crown forms Hybrid Black Poplars unsuitable for highway planting
G117	Ash Blackthorn Elder Field maple Goat willow Hawthorn Hazel Silver birch Sycamore Yew Beech Horse chestnut Cherry laurel	17.0	0.0	-	450	5.0	5.0	5.0	5.0	Y EM SM	G,F	G,F	92	5.4	B 1,2,3	Conjoined canopy Conservation value Dead and dying trees present Hard surfaces within the rooting area Ivy suppressing a number of trees Minor deadwood in the crowns No obvious defects observed Provides screening Self seeded trees present Early symptoms of ash dieback.
G118	Ash Blackthorn Elder Hawthorn Sycamore Privet	8.0	0.0	-	150	2.5	2.5	2.5	2.5	Y EM	F	F	10	1.8	C 3	Conjoined canopy Conservation value Dead and dying trees present Ivy restricts inspection Ivy suppressing a number of trees
G119	Ash Blackthorn Hawthorn Hazel Sycamore rhnus phuia	10.0	0.0	-	200	3.0	3.0	3.0	3.0	EM	F,P	F,P	18	2.4	C 3	Conservation value Dead and dying trees present Minor deadwood in the crowns

Tree No	Species	Height (m)	Crown Clearance (m)	No. of Stems	Stem Dia. (mm)	Crown Radius				Age Class	Structure	Vigour	RPA (m)	RPA Radius (m)	Cat	Comments
						N	E	S	W							
G120	Ash Lawson cypress Leyland cypress Field maple Beech Hazel Hawthorn Western red cedar	18.0	3.0	-	500	5.5	5.5	5.5	5.5	EM SM	G	G	113	6.0	B 2,3	Group is located off site but overhangs the study area Conjoined canopy Provides screening
G121	Ash Field maple Yew English oak Hawthorn Hazel spindle	11.0	0.0	-	400	4.0	4.0	4.0	4.0	Y EM SM	G	G	72	4.8	B 2,3	Ivy restricts inspection Provides screening No obvious defects observed Dead and dying trees present
G122	Ash Blackthorn European lime Elder English oak Field maple Goat willow Hawthorn Hazel Holly Norway maple Sycamore Rowan Silver birch	18.0	0.0	-	500	5.0	5.0	5.0	5.0	Y EM SM	G,F	G,F	113	6.0	B 2,3	Conjoined canopy Conservation value Dead and dying trees present Hard surfaces within the rooting area Ivy suppressing a number of trees Limited inspection due to access Limited inspection due to ivy Minor deadwood in the crowns No obvious defects observed Provides screening
G123	Ash Blackthorn Sycamore Field maple	10.0	0.0	-	210	3.0	3.0	3.0	3.0	Y EM	F	F	23	2.7	C 3	Conservation value Dead and dying trees present Ivy restricts inspection Group is sparse in areas Group is located off site but overhangs the study area Ivy suppressing a number of trees Minor deadwood in the crowns Provides screening Self seeded trees present

Tree No	Species	Height (m)	Crown Clearance (m)	No. of Stems	Stem Dia. (mm)	Crown Radius				Age Class	Structure	Vigour	RPA (m)	RPA Radius (m)	Cat	Comments
						N	E	S	W							
G124	Ash Blackthorn Elder English oak Field maple Goat willow Hawthorn Hazel Holly Silver birch Sycamore	20.0	8.0	-	500	6.5	6.5	6.5	6.5	Y EM SM M	G,F	G,F	113	6.0	B 1,2,3	Conjoined canopy Conservation value Dead and dying trees present Hard surfaces within the rooting area Limited inspection due to access Limited inspection due to health and safety Minor deadwood in the crowns Provides screening Self seeded trees present
G125	cgamdieler pear	8.0	2.0	-	180	2.0	2.0	2.0	2.0	EM	G	G	18	2.4	C 1	Conjoined canopy Hard surfaces within the rooting area
G126	Blackthorn Elder Field maple Goat willow Hawthorn Hazel Cherry laurel	7.0	8.0	-	100	2.5	2.5	2.5	2.5	Y EM	F	F	5	1.2	C 3	Conjoined canopy Conservation value Dead and dying trees present Self seeded trees present
G127	Ash Blackthorn Elder Field maple Goat willow Alder Sycamore Crack willow	12.0	0.0	-	300	3.5	3.5	3.5	3.5	Y EM	F	F	41	3.6	C 2,3	Conjoined canopy Conservation value Dead and dying trees present Group is sparse in areas Hard surfaces within the rooting area Ivy suppressing a number of trees Ivy restricts inspection Limited inspection due to access Limited inspection due to health and safety Minor deadwood in the crowns Provides screening Limited inspection due to dense vegetation. Early symptoms of ash dieback.

Tree No	Species	Height (m)	Crown Clearance (m)	No. of Stems	Stem Dia. (mm)	Crown Radius				Age Class	Structure	Vigour	RPA (m)	RPA Radius (m)	Cat	Comments
						N	E	S	W							
G128	Ash Blackthorn Field maple Goat willow Crack willow Hawthorn Hazel	11.0	8.0	-	300	3.5	3.5	3.5	3.5	Y EM SM	G,F	G,F	41	3.6	C 2,3	Conservation value Dead and dying trees present Group is sparse in areas Minor deadwood in the crowns Provides screening
G129	Field maple	14.0	0.0	-	420	4.0	4.0	4.0	4.0	EM SM	G	G	81	5.1	B 2	Conjoined canopy Minor deadwood in the crowns No obvious defects observed Provides screening Hard surfaces within the rooting area
G130	Ash Blackthorn Elder Field maple Hawthorn Hazel Sycamore Crack willow Hybrid black poplar Alder	16.0	0.0	-	500	5.5	5.5	5.5	5.5	Y EM SM M	G,F	G,F	113	6.0	B 2,3	Conjoined canopy Conservation value Dead and dying trees present Dense ivy in the crowns Dense ivy on the stems Hard surfaces within the rooting area Ivy restricts inspection Ivy suppressing a number of trees Limited inspection due to ivy Major deadwood in the crowns Minor deadwood in the crowns No obvious defects observed Provides screening
G131	Holm oak Sycamore Yew	22.0	1.0	-	410	5.0	5.0	5.0	5.0	EM SM	F	G	81	5.1	B 1,2	Branch stubs observed Group is sparse in areas Hard surfaces within the rooting area Minor deadwood in the crowns Major deadwood in the crowns Ivy suppressing a number of trees Typical crown forms

Tree No	Species	Height (m)	Crown Clearance (m)	No. of Stems	Stem Dia. (mm)	Crown Radius				Age Class	Structure	Vigour	RPA (m)	RPA Radius (m)	Cat	Comments
						N	E	S	W							
G132	Yew	16.0	3.0	-	450	4.5	4.5	4.5	4.5	EM SM	G	G	92	5.4	B 1,2	Branch stubs observed Limited inspection due to access Building within the rooting area Group is sparse in areas Hard surfaces within the rooting area Minor deadwood in the crowns No obvious defects observed Typical crown forms
G133	Sycamore Horse chestnut Yew	16.5	1.0	-	350	4.5	4.5	4.5	4.5	EM SM	F	G	55	4.2	B 1,2	Branch stubs observed Group is sparse in areas Conjoined canopy Hard surfaces within the rooting area Dead and dying trees present Limited inspection due to access Minor deadwood in the crowns Provides screening Typical crown forms
G134	Hawthorn Hazel Sycamore	12.0	1.0	-	250	3.5	3.5	3.5	3.5	EM SM	F	F	28	3.0	C 1,2	Branch stubs observed Conjoined canopy Dead and dying trees present Group is sparse in areas Hard surfaces within the rooting area Limited inspection due to access Minor deadwood in the crowns Provides screening Typical crown forms Self seeded trees present
G135	Rowan Beech Western red cedar	20.0	1.0	-	770	8.0	8.0	8.0	8.0	Y EM SM	F	G	272	9.3	B 1,2	Branch stubs observed Conservation value Conjoined canopy Dead and dying trees present Group is sparse in areas Minor deadwood in the crowns Provides screening Typical crown forms No obvious defects observed

Tree No	Species	Height (m)	Crown Clearance (m)	No. of Stems	Stem Dia. (mm)	Crown Radius				Age Class	Structure	Vigour	RPA (m)	RPA Radius (m)	Cat	Comments
						N	E	S	W							
G136	Crack willow	12.0	1.0	-	680	7.0	7.0	7.0	7.0	EM	F	F	222	8.4	C 1,2	Branch stubs observed Group is sparse in areas Light ivy in the crowns Typical crown forms Minor deadwood in the crowns Pollarded forms
G137	Crack willow Ash Field maple Hawthorn Sycamore	8.0	0.0	-	250	2.5	2.5	2.5	2.5	EM	F	F	28	3.0	C 1,2	Branch stubs observed Conjoined canopy Dead and dying trees present Group is sparse in areas Hard surfaces within the rooting area Minor deadwood in the crowns Limited inspection due to access Typical crown forms Provides screening
G138	Ash	15.0	3.5	-	350	5.0	5.0	5.0	5.0	EM SM	F	F	55	4.2	C 1,2	Hard surfaces within the rooting area Branch stubs observed Conjoined canopy Dense ivy on the stems Dense ivy in the crowns Limited inspection due to ivy Minor deadwood in the crowns Major deadwood in the crowns Typical crown forms
G139	Sycamore	14.0	2.5	-	380	4.5	4.5	4.5	4.5	SM EM	F	F	72	4.8	C 1,2	Branch stubs observed Conjoined canopy Dense ivy on the stems Dense ivy in the crowns Hard surfaces within the rooting area Limited inspection due to ivy Typical crown forms Minor deadwood in the crowns

Tree No	Species	Height (m)	Crown Clearance (m)	No. of Stems	Stem Dia. (mm)	Crown Radius				Age Class	Structure	Vigour	RPA (m)	RPA Radius (m)	Cat	Comments
						N	E	S	W							
G140	Sycamore	14.0	3.0	-	580	7.0	7.0	7.0	7.0	EM	F	G	163	7.2	B 1,2	Major deadwood in the crowns Branch stubs observed Conjoined canopy Limited inspection due to health and safety Hard surfaces within the rooting area Group is sparse in areas Minor deadwood in the crowns Typical crown forms
G141	Apple Alder Hybrid black poplar	26.0	1.0	-	700	8.5	8.5	8.5	8.5	EM SM	P	F	222	8.4	C 1,2	Branch stubs observed Dead and dying trees present Conjoined canopy Group is sparse in areas Hard surfaces within the rooting area Limited inspection due to access Limited inspection due to health and safety Minor deadwood in the crowns Major deadwood in the crowns Provides screening Multiple failed leaders observed Hybrid Black Poplars unsuitable for highway planting
G142	Norway maple Field maple Sycamore Blackthorn Hawthorn Hazel Cherry Raywood Ash	16.0	2.0	-	300	4.0	4.0	4.0	4.0	EM SM	F	G	41	3.6	B 1	Branch stubs observed Conjoined canopy Conservation value Group is sparse in areas Hard surfaces within the rooting area Limited inspection due to access Minor deadwood in the crowns Typical crown forms Provides screening Self seeded trees present

Tree No	Species	Height (m)	Crown Clearance (m)	No. of Stems	Stem Dia. (mm)	Crown Radius				Age Class	Structure	Vigour	RPA (m)	RPA Radius (m)	Cat	Comments
						N	E	S	W							
G143	Sycamore Hawthorn Hazel Field maple	10.0	1.0	-	180	2.5	2.5	2.5	2.5	Y SM	F	F	18	2.4	C 1,2	Hard surfaces within the rooting area Group is sparse in areas Conjoined canopy Branch stubs observed Conservation value Dead and dying trees present Limited inspection due to access Provides screening Minor deadwood in the crowns Typical crown forms Self seeded trees present
G144	Hawthorn Hazel Sycamore Field maple Dogwood Ash	7.0	0.0	-	150	2.0	2.0	2.0	2.0	Y SM	F	G	10	1.8	C 1,2	Branch stubs observed Conjoined canopy Conservation value Building within the rooting area Hard surfaces within the rooting area Group is sparse in areas Dead and dying trees present Ivy suppressing a number of trees Limited inspection due to access Limited inspection due to ivy Minor deadwood in the crowns Typical crown forms Provides screening No obvious defects observed Self seeded trees present
G145	Ash Blackthorn Elder Field maple Hawthorn Hazel	14.0	0.0	-	140	2.0	2.0	2.0	2.0	Y EM	F	F,P	10	1.8	C 2,3	Conjoined canopy Conservation value Dead and dying trees present Group is sparse in areas Hard surfaces within the rooting area Ivy suppressing a number of trees Self seeded trees present

Tree No	Species	Height (m)	Crown Clearance (m)	No. of Stems	Stem Dia. (mm)	Crown Radius				Age Class	Structure	Vigour	RPA (m)	RPA Radius (m)	Cat	Comments
						N	E	S	W							
G146	Ash Blackthorn Elder Sycamore	9.0	0.0	-	100	1.5	1.5	1.5	1.5	Y EM	F	F	5	1.2	C 3	Conjoined canopy Conservation value Dead and dying trees present Limited inspection due to access Minor deadwood in the crowns Provides screening Group is sparse in areas
G147	Ash Blackthorn Silver birch Field maple Yew Hawthorn Elder Hazel Holly Goat willow Crack willow Sycamore Norway maple Cherry	13.0	0.0	-	480	4.5	4.5	4.5	4.5	EM,SM ,Y	F	G	113	6.0	B 1	Branch stubs observed Conjoined canopy Dead and dying trees present Group is sparse in areas Dense ivy on the stems Hard surfaces within the rooting area Ivy suppressing a number of trees Limited inspection due to ivy Minor deadwood in the crowns Provides screening Typical crown forms Self seeded trees present
G148	Field maple Goat willow Hawthorn Ash Sycamore	8.0	0.0	-	100	1.5	1.5	1.5	1.5	SM,Y	F	F	5	1.2	C 1	Branch stubs observed Conjoined canopy Dead and dying trees present Group is sparse in areas Hard surfaces within the rooting area Ivy suppressing a number of trees Dense ivy on the stems Limited inspection due to ivy Self seeded trees present Typical crown forms Limited contribution

Tree No	Species	Height (m)	Crown Clearance (m)	No. of Stems	Stem Dia. (mm)	Crown Radius				Age Class	Structure	Vigour	RPA (m)	RPA Radius (m)	Cat	Comments
						N	E	S	W							
G149	Ash Silver birch Elder Blackthorn Hawthorn Hazel Holly Hybrid black poplar Field maple Goat willow Sycamore	20.0	0.0	-	620	6.0	6.0	6.0	6.0	EM,SM ,Y	F	G	177	7.5	B 1	Branch stubs observed Conjoined canopy Group is sparse in areas Hard surfaces within the rooting area Dense ivy on the stems Dead and dying trees present Limited inspection due to access Limited inspection due to ivy Minor deadwood in the crowns Self seeded trees present Provides screening Typical crown forms
G150	Ash Elder Field maple Goat willow Hawthorn Hazel Holly Blackthorn Privet Sycamore Silver birch Cherry	10.0	0.0	-	200	2.5	2.5	2.5	2.5	SM,Y,E M	F	F	18	2.4	C 1	Branch stubs observed Conjoined canopy Dead and dying trees present Group is sparse in areas Hard surfaces within the rooting area Ivy suppressing a number of trees Limited inspection due to ivy Minor deadwood in the crowns Provides screening Typical crown forms Self seeded trees present
G151	Sycamore Ash Cherry	17.0	3.0	-	670	7.0	7.0	7.0	7.0	EM,SM	F	G	206	8.1	B 1	Branch stubs observed Branch socket cavities Group is sparse in areas Hard surfaces within the rooting area Dense ivy on the stems Limited inspection due to ivy Minor deadwood in the crowns Typical crown forms

Tree No	Species	Height (m)	Crown Clearance (m)	No. of Stems	Stem Dia. (mm)	Crown Radius				Age Class	Structure	Vigour	RPA (m)	RPA Radius (m)	Cat	Comments
						N	E	S	W							
G152	Ash Sycamore Blackthorn Hawthorn	8.0	0.0	-	100	1.5	1.5	1.5	1.5	EM,SM	F	F	5	1.2	C 1	Branch stubs observed Limited inspection due to access Minor deadwood in the crowns Provides screening Self seeded trees present Typical crown forms Limited contribution
G153	Cherry Sycamore Silver birch English oak Field maple Hawthorn Hazel Holly Ash Blackthorn Crack willow Norway maple Apple Alder	19.0	0.5	-	510	5.5	5.5	5.5	5.5	SM,Y,E M	F	G	124	6.3	B 1	Branch stubs observed Conjoined canopy Dead and dying trees present Group is sparse in areas Dense ivy on the stems Ivy suppressing a number of trees Limited inspection due to access Limited inspection due to ivy Minor deadwood in the crowns Provides screening Typical crown forms Self seeded trees present
G154	Ash Hawthorn Goat willow Norway maple Cherry Alder	15.0	1.0	-	420	6.0	6.0	6.0	6.0	Y,SM,E M	F	G	81	5.1	B 1	Branch stubs observed Conjoined canopy Dead and dying trees present Dense ivy on the stems Group is sparse in areas Hard surfaces within the rooting area Ivy suppressing a number of trees Limited inspection due to access Limited inspection due to ivy Minor deadwood in the crowns Provides screening Typical crown forms Self seeded trees present

Tree No	Species	Height (m)	Crown Clearance (m)	No. of Stems	Stem Dia. (mm)	Crown Radius				Age Class	Structure	Vigour	RPA (m)	RPA Radius (m)	Cat	Comments
						N	E	S	W							
G155	Ash Hawthorn Sycamore	6.0	0.0	-	90	0.5	0.5	0.5	0.5	SM,Y	F	F	5	1.2	C 1	Branch stubs observed Conjoined canopy Group is sparse in areas Hard surfaces within the rooting area Limited inspection due to access Minor deadwood in the crowns Self seeded trees present Typical crown forms Limited contribution

Tree No	Species	Height (m)	Crown Clearance (m)	No. of Stems	Stem Dia. (mm)	Crown Radius				Age Class	Structure	Vigour	RPA (m)	RPA Radius (m)	Cat	Comments
						N	E	S	W							
H1	Blackthorn Hawthorn Hazel	5.0	0.0	-	50	1.5	1.5	1.5	1.5	Y EM	G	G	3	0.9	C 3	Provides screening
H2	Hawthorn Hazel Sycamore	3.5	0.0	-	50	1.0	1.0	1.0	1.0	Y	F	F	3	0.9	C 1	Managed Provides screening Sparse in areas
H3	Elder Hawthorn	2.0	0.0	-	50	1.0	1.0	1.0	1.0	EM	F	F	3	0.9	C 3	Sparse in areas Managed
H4	Blackthorn Hawthorn	5.0	0.0	-	50	1.0	1.0	1.0	1.0	Y EM	G	G	3	0.9	C 3	Managed
H5	Blackthorn Hawthorn	5.0	0.0	-	50	1.0	1.0	1.0	1.0	Y EM	G	G	3	0.9	C 3	Managed
H6	Blackthorn Elder Hawthorn Hazel Dogwood	6.0	0.0	-	80	1.5	1.5	1.5	1.5	Y EM	F	F	5	1.2	C 2,3	Outgrown hedgerow Outgrown trees present Provides screening Sparse in areas Unmanaged
H7	Hazel Hawthorn Norway maple Privet Field maple Beech Pyracantha; Snowberry	3.0	0.0	-	80	1.0	1.0	1.0	1.0	Y	F	F	5	1.2	C 1,2	Unmanaged Sparse in areas Outgrown trees present Provides screening

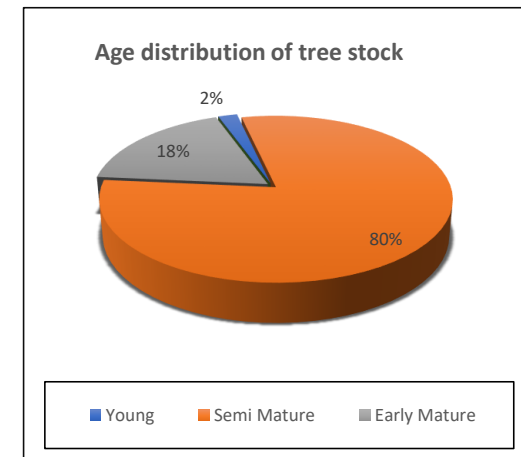
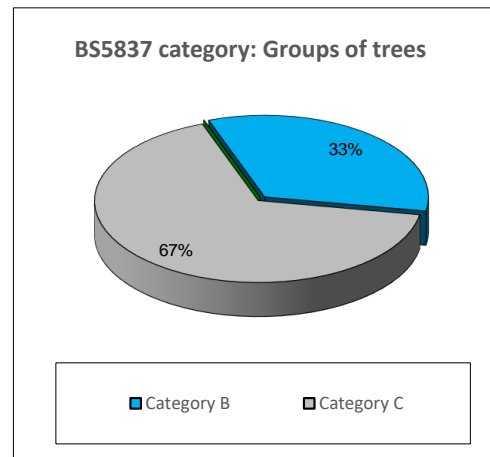
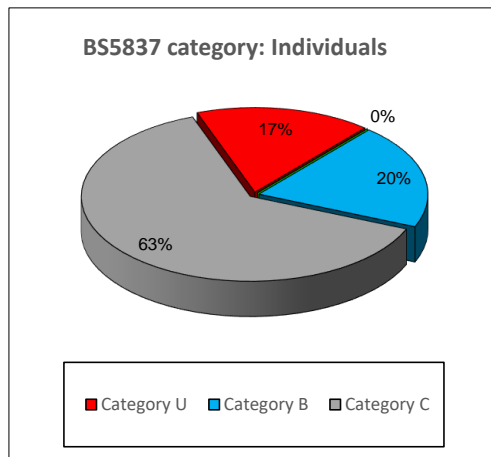
Tree No	Species	Height (m)	Crown Clearance (m)	No. of Stems	Stem Dia. (mm)	Crown Radius				Age Class	Structure	Vigour	RPA (m)	RPA Radius (m)	Cat	Comments
						N	E	S	W							
W1	Ash English oak European lime Blackthorn Hazel Hawthorn Yew Silver birch Sycamore Crack willow Goat willow Field maple	13.0	0.0	-	480	4.0	4.0	4.0	4.0	EM SM Y M	G	G	113	6.0	A 1,2,3	Branch stubs observed Dead and dying trees present Conjoined canopy Ivy suppressing a number of trees Limited inspection due to access Limited inspection due to health and safety Minor deadwood in the crowns Major deadwood in the crowns Provides screening Typical crown forms Watercourse running through woodland Sloped embankment on eastern side of woodland
W2	Holly Sycamore Yew Hawthorn Hazel Field maple	16.0	0.0#	-	600	7.5	7.5	7.5	7.5	Y EM SM M	G	G	163	7.2	A 1,2,3	Branch stubs observed Conjoined canopy Conservation value Dead and dying trees present Group is sparse in areas Hard surfaces within the rooting area Limited inspection due to access Minor deadwood in the crowns Major deadwood in the crowns Provides screening Typical crown forms

Appendix B - Tree Schedule

Measurements	Age Class	Overall Condition	Root Protection Area (RPA)
Height - estimated from ground level (m).	YNG: Young trees up to ten years of age.	G - Good: Trees with only a few minor defects and in good overall health needing little, if any attention.	<ul style="list-style-type: none"> • The RPA column gives the required area (m²). • The RPA Radius column gives the radius (m) of an equivalent circle. • The RPA is calculated using the formulae described in paragraph 4.6.1 of British Standard 5837: 2012 and is indicative of the required rooting area in order for a tree to be retained.
Stem Dia. - Diameter measured (mm) in accordance with Annex C of the BS5837.	SM: Semi-mature, trees less than 1/3 life expectancy.	F - Fair: Trees with minor, but rectifiable, defects or in the early stages of stress from which it may recover.	
Crown - crown spread estimated radially from the main stem (m).	EM: Early mature, trees 1/3 – 2/3 life expectancy.	P - Poor: Trees with major structural and/or physiological defects such that it is unlikely the tree will recover in the long term.	
Abbreviations Est - Estimated stem diameter Avg - Average stem diameter Max - Maximum stem diameter	M: Mature trees, over 2/3 life expectancy.	D - Dead: Trees no longer alive. This could also apply to trees that are dying and unlikely to recover.	
	OM: Over mature, declining or moribund trees of low vigour.	In the assessment, of the BS category, particular consideration has been given to the following <ul style="list-style-type: none"> • The health, vigour and condition of each tree • The presence of any structural defects in each tree and its future life expectancy • The size and form of each tree and its suitability within the context of a proposed development • The location of each tree relative to existing site features e.g. its screening value or landscape features 	
	V: Veteran, tree possessing certain attributes relating to veteran trees.	<ul style="list-style-type: none"> • Age class • Life expectancy 	

Structural Condition
<p>The following has been considered when inspecting structural condition:</p> <ul style="list-style-type: none"> • The presence of fungal fruiting bodies around the base of the tree or on the stem, as they could possibly indicate the presence of possible internal decay. • Soil cracks and any heaving of the soil around the base. • Any abrupt bends in branches and limbs resulting from past pruning. • Tight or weak 'V' shaped forks and co-dominant stems. • Hazard beam formations and other such biomechanical related defects (as described by Claus Mattheck, Body Language of Trees HMSO Research for Amenity Trees No. 4 1994). • Cavities as a result of limb losses or past pruning. • Broken branches or storm damage. • Canker formations. • Loose or flaking bark. • Damage to roots. • Basal, stem or branch / limb cavities. • Crown die-back or abnormal foliage size and colour. • Any changes to the timing of normal leaf flush and leaf fall patterns.

Quality Assessment of Retention Category
<p>Category U - Trees in such a condition that they cannot realistically be retained as living trees in the context of the current land use for longer than 10 years.</p>
<p>Category A - Trees of high quality with an estimated remaining life expectancy of at least 40 years.</p>
<p>Category B - Trees of moderate quality with an estimated remaining life expectancy of at least 20 years.</p>
<p>Category C - Trees of low quality with an estimated remaining life expectancy of at least 10 years, or young trees with a stem diameter below 150mm.</p>
<p>Sub-categories: (i) - Mainly arboricultural value (ii) - Mainly landscape value (iii) - Mainly cultural or conservation value</p>



Appendix A - Summary

	Individual Trees	Totals	Tree Groups	Totals
Category U	2522, 2527, 2528, 2529, 2538, 2539, 2540, 2541, 2542, 2546, 2547, 2557, 2562, 2563, 2565, 2572	16		0
Category A		0		0
Category B	2505, 2508, 2513, 2515, 2516, 2524, 2556, 2559, 2561, 2568, 2569, 2570, 2575, 2576, 2577, 2580, 2585, 2587, 2590	19	G2	1
Category C	2501, 2502, 2503, 2504, 2506, 2507, 2509, 2510, 2511, 2512, 2514, 2517, 2518, 2519, 2520, 2521, 2523, 2525, 2526, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2543, 2544, 2545, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2558, 2560, 2564, 2566, 2567, 2571, 2573, 2574, 2578, 2579, 2581, 2582, 2583, 2584, 2586, 2588, 2589, 2591, 2592, 2593, 2594, 2595	60	G1, G3	2
	Total	95	Total	3

	Hedgerows	Totals	Woodlands	Totals
Category U		0		0
Category A		0		0
Category B		0		0
Category C		0		0
	Total	0	Total	0

Tree No	Species	Height (m)	Crown Clearance (m)	No. of Stems	Stem Dia. (mm)	Crown Radius				Age Class	Structure	Vigour	RPA (m)	RPA Radius (m)	Cat	Comments
						N	E	S	W							
2501	Cherry	9.0	2.0	1	180	2.0	2.0	2.0	2.0	SM	F	F	18	2.4	C 1	Apical dieback Branch stubs observed Lateral dieback observed Minor deadwood in the crown Tree is showing signs of decline
2502	Whitebeam	8.0	2.0	3	80 60 70	2.0	2.0	2.0	2.0	SM	F	F	10	1.8	C 1	Apical dieback Branch stubs observed Minor deadwood in the crown
2503	Ash	8.0	3.0	1	80	1.0	1.0	1.0	1.0	SM	F	P	5	1.2	C 1	Apical dieback Branch stubs observed Epicormic growth on the main stem Lateral dieback observed Tree is showing signs of decline
2504	Ash	9.0	3.0	2	140 180	2.0	2.0	2.0	2.0	EM	F	P	28	3.0	C 1	Apical dieback Epicormic growth observed in the crown Lateral dieback observed Minor deadwood in the crown Tree is showing signs of decline
2505	Cherry	10.0	2.0	1	220	2.2	2.2	2.2	2.2	EM	F	G	23	2.7	B 1	Branch stubs observed
2506	Whitebeam	9.0	3.0	2	100 110	2.0	2.0	2.0	2.0	SM	F	F	10	1.8	C 1	Apical dieback Branch stubs observed Included unions observed Minor deadwood in the crown
2507	Ash	8.0	5.0	1	90	1.0	1.0	1.0	1.0	SM	F	P	5	1.2	C 1	Apical dieback Branch stubs observed Tree is showing signs of decline
2508	Cherry	10.0	2.0	1	280	3.5	3.5	3.5	3.5	EM	G	G	41	3.6	B 1	Branch stubs observed Minor deadwood in the crown
2509	Whitebeam	8.0	2.0	1	200	3.0	3.0	3.0	3.0	SM	F	F	18	2.4	C 1	Branch stubs observed Minor deadwood in the crown
2510	Ash	9.0	2.0	1	120	2.0	2.0	2.0	2.0	SM	F	P	7	1.5	C 1	Apical dieback Epicormic growth observed in the crown Lateral dieback observed Minor deadwood in the crown Signs of Ash dieback
2511	Cherry	8.0	2.0	1	150	2.5	2.5	2.5	2.5	SM	F	F	10	1.8	C 1	Apical dieback Branch stubs observed Minor deadwood in the crown
2512	Whitebeam	9.0	2.0	2	140 120	2.0	2.0	2.0	2.0	SM	F	G	18	2.4	C 1	Branch stubs observed Included unions observed Minor deadwood in the crown
2513	Cherry	10.0	2.0	7	480	4.0	4.0	4.0	4.0	EM	F	G	113	6.0	B 1	Branch stubs observed Minor deadwood in the crown
2514	Whitebeam	8.0	3.0	1	120	1.5	1.5	1.5	1.5	SM	F	F	7	1.5	C 1	Branch stubs observed

Tree No	Species	Height (m)	Crown Clearance (m)	No. of Stems	Stem Dia. (mm)	Crown Radius				Age Class	Structure	Vigour	RPA (m)	RPA Radius (m)	Cat	Comments
						N	E	S	W							
2515	Cherry	11.0	2.0	1	280	3.0	3.0	3.0	3.0	EM	G	F	41	3.6	B 1	Branch stubs observed Minor deadwood in the crown
2516	Cherry	11.0	2.0	1	340	3.5	3.5	3.5	3.5	EM	F	G	55	4.2	B 1	Branch stubs observed Minor deadwood in the crown
2517	Ash	7.0	3.0	2	100 80	1.5	1.5	1.5	1.5	SM	F	F	10	1.8	C 1	Apical dieback Branch stubs observed Lateral dieback observed Minor deadwood in the crown Tree is showing signs of decline
2518	Cherry	9.0	3.0	1	100	1.5	1.5	1.5	1.5	SM	F	F	5	1.2	C 1	Branch stubs observed Minor deadwood in the crown
2519	Whitebeam	8.0	2.0	2	140 120	2.5	2.5	2.5	2.5	SM	F	F	18	2.4	C 1	Branch stubs observed Minor deadwood in the crown
2520	Field maple	8.0	1.0	2	80 60	1.5	1.5	1.5	1.5	SM	F	F	5	1.2	C 1	Branch stubs observed Minor deadwood in the crown
2521	Ash	8.0	3.0	1	120	1.5	1.5	1.5	1.5	SM	F	F	7	1.5	C 1	Apical dieback Branch stubs observed
2522	Ash	8.0	3.0	2	150 140	2.5	2.5	2.5	2.5	Y	F	P	23	2.7	U	Apical dieback Lateral dieback observed Major deadwood in the crown Minor deadwood in the crown Ash dieback present
2523	Whitebeam	8.0	3.0	1	110	1.5	1.5	1.5	1.5	SM	F	F	7	1.5	C 1	Branch stubs observed
2524	Cherry	10.0	3.0	1	230	3.0	3.0	3.0	3.0	SM	F	G	28	3.0	B 1	Apical dieback Branch stubs observed Minor deadwood in the crown
2525	Whitebeam	9.0	3.0	1	180	2.0	2.0	2.0	2.0	SM	F	F	18	2.4	C 1	Branch stubs observed Minor deadwood in the crown
2526	Ash	9.0	3.0	1	140	2.0	2.0	2.0	2.0	SM	F	F	10	1.8	C 1	Apical dieback Branch stubs observed Minor deadwood in the crown Tree is showing signs of decline Signs of Ash dieback
2527	Ash	8.0	3.0	1	140	1.5	1.5	1.5	1.5	SM	F	P	10	1.8	U	Ash dieback present
2528	Ash	9.0	3.0	1	150	1.5	1.5	1.5	1.5	SM	F	P	10	1.8	U	Ash dieback present
2529	Ash	9.0	3.0	1	180	1.5	1.5	1.5	1.5	SM	P	P	18	2.4	U	Apical dieback Branch stubs observed Lateral dieback observed Minor deadwood in the crown Ash dieback present

Tree No	Species	Height (m)	Crown Clearance (m)	No. of Stems	Stem Dia. (mm)	Crown Radius				Age Class	Structure	Vigour	RPA (m)	RPA Radius (m)	Cat	Comments
						N	E	S	W							
2530	Cherry	7.0	2.0	1	120	1.5	1.5	1.5	1.5	SM	F	F	7	1.5	C 1	Branch stubs observed Minor deadwood in the crown
2531	Whitebeam	8.0	2.0	2	80 80	2.5	2.5	2.5	2.5	SM	F	F	7	1.5	C 1	Minor deadwood in the crown
2532	Ash	7.0	2.0	1	120	1.5	1.5	1.5	1.5	SM	F	F	7	1.5	C 1	Apical dieback Minor deadwood in the crown
2533	Cherry	8.0	3.0	1	90	1.5	1.5	1.5	1.5	SM	F	F	5	1.2	C 1	Branch stubs observed
2534	Cherry	6.0	2.0	1	90	1.0	1.0	1.0	1.0	SM	F	F	5	1.2	C 1	Branch stubs observed
2535	Cherry	6.0	1.0	1	80	1.5	1.5	1.5	1.5	SM	F	F	5	1.2	C 1	Branch stubs observed
2536	Cherry	6.0	2.0	1	90	1.5	1.5	1.5	1.5	SM	F	F	5	1.2	C 1	Branch stubs observed
2537	Ash	9.0	2.0	2	120 80	1.5	1.5	1.5	1.5	SM	F	P	10	1.8	C 1	Apical dieback Branch stubs observed Minor deadwood in the crown Signs of Ash dieback
2538	Ash	7.0	3.0	1	80	1.0	1.0	1.0	1.0	SM	F	P	5	1.2	U	Apical dieback Branch stubs observed Lateral dieback observed Minor deadwood in the crown Ash dieback present
2539	Ash	8.0	3.0	1	140	1.5	1.5	1.5	1.5	SM	F	P	10	1.8	U	Apical dieback Branch stubs observed Minor deadwood in the crown Lateral dieback observed Ash dieback present
2540	Ash	8.0	3.0	1	160	1.5	1.5	1.5	1.5	SM	F	P	14	2.1	U	Apical dieback Branch socket cavity observed Lateral dieback observed Minor deadwood in the crown Ash dieback present
2541	Ash	8.0	3.0	1	120	1.5	1.5	1.5	1.5	SM	F	P	7	1.5	U	Apical dieback Branch stubs observed Lateral dieback observed Minor deadwood in the crown Ash dieback present
2542	Ash	7.0	2.0	2	80 70	1.5	1.5	1.5	1.5	SM	F	P	7	1.5	U	Branch stubs observed Apical dieback Lateral dieback observed Minor deadwood in the crown Signs of Ash dieback
2543	Whitebeam	6.0	1.0	1	70	1.5	1.5	1.5	1.5	SM	F	F	3	0.9	C 1	Minor deadwood in the crown
2544	Whitebeam	6.0	1.0	1	60	1.5	1.5	1.5	1.5	SM	F	F	3	0.9	C 1	Minor deadwood in the crown
2545	Field maple	9.0	3.0	2	180 110	2.5	2.5	2.5	2.5	SM	F	F	23	2.7	C 1	Branch stubs observed Minor deadwood in the crown
2546	Ash	8.0	2.0	1	140	1.5	1.5	1.5	1.5	SM	F	P	10	1.8	U	Apical dieback Branch stubs observed Minor deadwood in the crown Ash dieback present

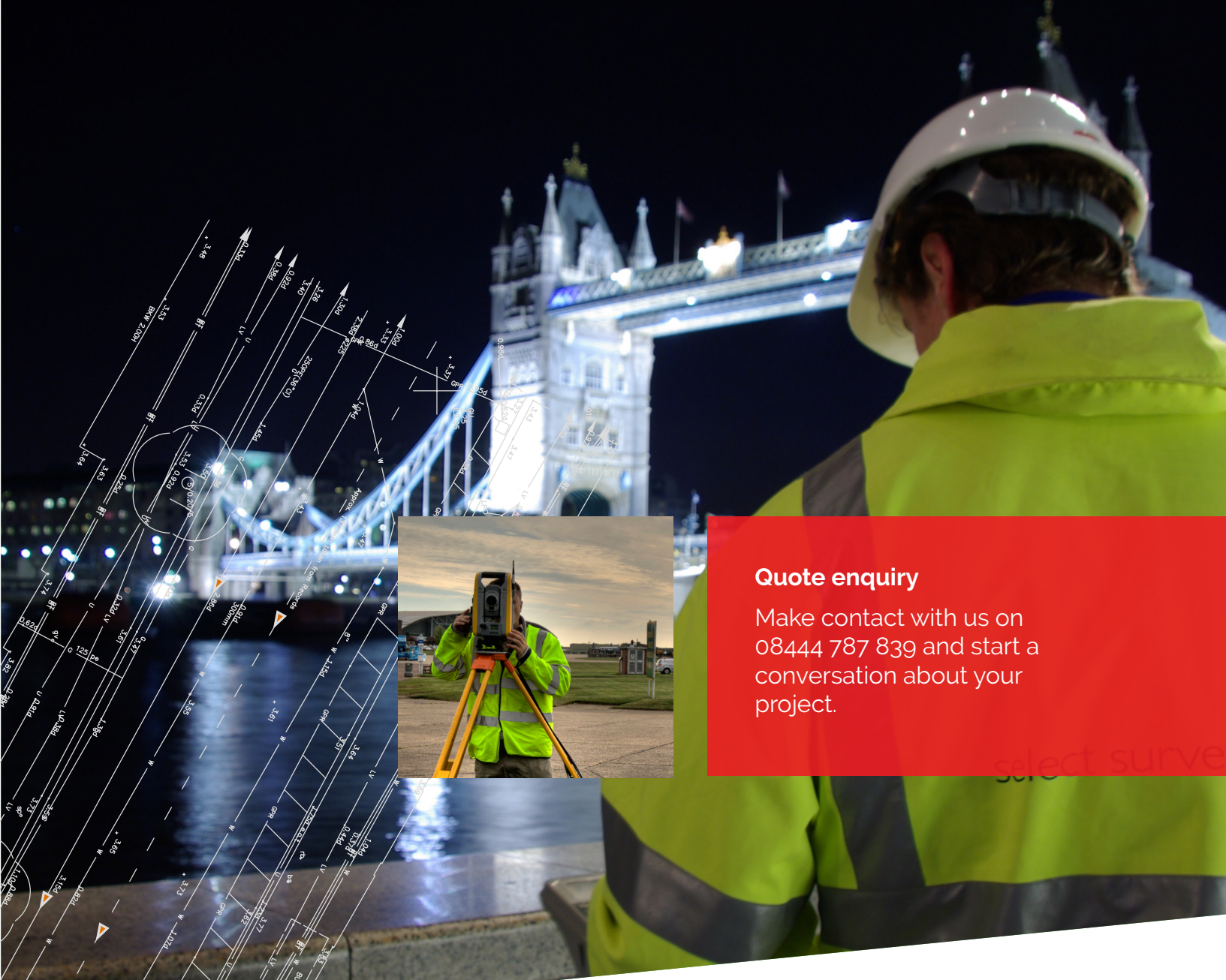
Tree No	Species	Height (m)	Crown Clearance (m)	No. of Stems	Stem Dia. (mm)	Crown Radius				Age Class	Structure	Vigour	RPA (m)	RPA Radius (m)	Cat	Comments
						N	E	S	W							
2547	Ash	7.0	2.0	1	150	1.5	1.5	1.5	1.5	SM	P	P	10	1.8	U	Apical dieback Branch stubs observed Minor deadwood in the crown Ash dieback present
2548	Ash	9.0	3.0	2	140 110	2.0	2.0	2.0	2.0	SM	F	P	18	2.4	C 1	Apical dieback Branch stubs observed Light ivy in the crown Light ivy on stem Tree is showing signs of decline
2549	Field maple	11.0	2.0	1	190	2.5	2.5	2.5	2.5	SM	F	F	18	2.4	C 1	Dense ivy in the crown Dense ivy on the stem Limited inspection due to ivy Minor deadwood in the crown
2550	Ash	9.0	3.0	1	150	1.0	1.0	1.0	1.0	SM	F	F	10	1.8	C 1	Apical dieback Branch stubs observed Minor deadwood in the crown Tree is showing signs of decline
2551	Ash	10.0	3.0	1	260	2.0	2.0	2.0	2.0	EM	F	F	34	3.3	C 1	Apical dieback Branch stubs observed Minor deadwood in the crown
2552	Field maple	9.0	3.0	3	80 100 90	2.0	2.0	2.0	2.0	SM	F	F	14	2.1	C 1	Branch stubs observed
2553	Field maple	8.0	3.0	1	140	1.0	1.0	1.0	1.0	SM	F	F	10	1.8	C 1	No obvious defects observed
2554	Field maple	11.0	3.0	2	150 110	2.0	2.0	2.0	2.0	SM	F	F	18	2.4	C 1	Dense ivy in the crown Dense ivy on the stem Branch stubs observed
2555	Field maple	10.0	3.0	1	150	1.5	1.5	1.5	1.5	SM	F	F	10	1.8	C 1	Branch stubs observed Dense ivy in the crown Light ivy on stem
2556	Field maple	11.0	3.0	2	160 180	2.5	2.5	2.5	2.5	EM	G	F	28	3.0	B 1	Light ivy on stem Branch stubs observed Minor deadwood in the crown
2557	Ash	10.0	3.0	1	150	1.5	1.5	1.5	1.5	SM	F	P	10	1.8	U	Apical dieback Branch stubs observed Minor deadwood in the crown Ash dieback observed
2558	Ash	11.0	2.0	2	210 140	2.5	2.5	2.5	2.5	SM	F	F	34	3.3	C 1	Apical dieback Branch stubs observed Dense ivy in the crown Minor deadwood in the crown Lateral dieback observed
2559	Field maple	10.0	3.0	2	140 180	2.5	2.5	2.5	2.5	SM	G	G	28	3.0	B 1	Dense ivy in the crown Dense ivy on the stem

Tree No	Species	Height (m)	Crown Clearance (m)	No. of Stems	Stem Dia. (mm)	Crown Radius				Age Class	Structure	Vigour	RPA (m)	RPA Radius (m)	Cat	Comments
						N	E	S	W							
2560	Field maple	10.0	3.0	3	80 60 60	2.5	2.5	2.5	2.5	SM	F	F	7	1.5	C 1	Dense ivy in the crown Dense ivy on the stem Minor deadwood in the crown
2561	Field maple	12.0	2.0	3	220 150 180	3.0	3.0	3.0	3.0	EM	G	G	55	4.2	B 1	Dense ivy in the crown Minor deadwood in the crown
2562	Ash	10.0	3.0	1	160	1.5	1.5	1.5	1.5	SM	F	P	14	2.1	U	Dense ivy in the crown Dense ivy on the stem Minor deadwood in the crown Ash dieback observed
2563	Ash	10.0	2.0	1	200	1.5	1.5	1.5	1.5	SM	F	P	18	2.4	U	Apical dieback Branch stubs observed Ash dieback observed
2564	Field maple	10.0	3.0	1	160	1.5	1.5	1.5	1.5	SM	F	F	14	2.1	C 1	Branch stubs observed Dense ivy in the crown Dense ivy on the stem Minor deadwood in the crown
2565	Ash	11.0	3.0	1	150	1.5	1.5	1.5	1.5	SM	F	P	10	1.8	U	Apical dieback Branch stubs observed Minor deadwood in the crown Ash dieback observed
2566	Field maple	8.0	2.0	1	140	2.0	2.0	2.0	2.0	SM	F	G	10	1.8	C 1	No obvious defects observed
2567	Field maple	8.0	2.0	2	120 80	1.5	2.0	2.0	2.0	SM	F	F	10	1.8	C 1	Dense ivy in the crown Dense ivy on the stem No obvious defects observed
2568	Field maple	10.0	2.0	2	150 160	2.5	2.5	2.5	2.5	SM	F	G	23	2.7	B 1	Dense ivy in the crown Light ivy on stem No obvious defects observed
2569	Field maple	11.0	3.0	1	200	2.5	2.5	2.5	2.5	EM	F	G	18	2.4	B 1	Light ivy in the crown Light ivy on stem No obvious defects observed
2570	Field maple	1.0	2.0	2	210 170	2.5	2.5	2.5	2.5	EM	F	G	41	3.6	B 1	Branch stubs observed Light ivy in the crown Light ivy on stem No obvious defects observed Minor deadwood in the crown
2571	Field maple	8.0	1.0	3	80 100 90	2.0	2.0	2.0	2.0	SM	F	F	14	2.1	C 1	Apical dieback Branch stubs observed Dense ivy in the crown Dense ivy on the stem

Tree No	Species	Height (m)	Crown Clearance (m)	No. of Stems	Stem Dia. (mm)	Crown Radius				Age Class	Structure	Vigour	RPA (m)	RPA Radius (m)	Cat	Comments
						N	E	S	W							
2572	Ash	6.0	2.0	1	220	1.5	2.0	1.0	1.0	SM	F	P	23	2.7	U	Apical dieback Branch stubs observed Lateral dieback observed Minor deadwood in the crown Ash dieback observed
2573	Field maple	11.0	1.0	1	150	2.5	2.5	2.5	2.5	SM	F	F	10	1.8	C 1	No obvious defects observed
2574	Field maple	6.0	1.0	1	110	2.0	2.0	2.0	2.0	SM	F	F	7	1.5	C 1	No obvious defects observed
2575	Field maple	11.0	2.0	1	210	2.5	2.5	2.5	2.5	SM	G	G	23	2.7	B 1	No obvious defects observed
2576	Field maple	11.0	2.0	2	220 210	3.0	3.0	3.0	3.0	EM	G	G	48	3.9	B 1	Light ivy in the crown Light ivy on stem No obvious defects observed
2577	Field maple	11.0	3.0	1	220	2.0	2.0	2.0	2.0	SM	G	G	23	2.7	B 1	Knotweed located close to tree
2578	Field maple	9.0	2.0	1	160	2.0	2.0	2.0	2.0	SM	F	F	14	2.1	C 1	No obvious defects observed
2579	Field maple	6.0	2.0	2	60 50	1.0	2.0	3.0	1.0	SM	F	P	5	1.2	C 1	Dense ivy in the crown Dense ivy on the stem
2580	Field maple	13.0	3.0	2	300 150	4.5	4.5	4.5	4.5	EM	G	G	55	4.2	B 1	Branch stubs observed Minor deadwood in the crown
2581	Field maple	7.0	2.0	2	160 210	1.0	2.0	1.0	1.0	SM	F	P	34	3.3	C 1	Apical dieback Branch stubs observed Minor deadwood in the crown Tree is showing signs of decline
2582	Field maple	7.0	2.0	2	110 60	1.0	0.5	1.0	1.0	SM	F	P	10	1.8	C 1	Branch stubs observed Dense ivy in the crown Dense ivy on the stem Minor deadwood in the crown
2583	Field maple	9.0	3.0	3	140 140 110	2.5	2.5	2.5	2.5	SM	F	F	28	3.0	C 1	Branch stubs observed Lateral dieback observed Light ivy in the crown Light ivy on stem Minor deadwood in the crown
2584	Field maple	8.0	1.0	1	180	2.0	2.5	1.5	2.0	SM	F	F	18	2.4	C 1	Branch stubs observed Minor deadwood in the crown
2585	Field maple	8.0	0.0	1	270	1.0	3.5	3.0	2.5	EM	F	G	34	3.3	B 1	Dense ivy in the crown Dense ivy on the stem Limited inspection due to ivy No obvious defects observed
2586	Field maple	9.0	2.0	1	180	2.5	2.5	2.5	2.5	SM	F	F	18	2.4	C 1	Dense ivy in the crown Light ivy on stem Minor deadwood in the crown

Tree No	Species	Height (m)	Crown Clearance (m)	No. of Stems	Stem Dia. (mm)	Crown Radius				Age Class	Structure	Vigour	RPA (m)	RPA Radius (m)	Cat	Comments
						N	E	S	W							
2587	Field maple	11.0	2.0	3	160 160 180	3.5	3.5	3.5	3.5	EM	G	F	41	3.6	B 1	Branch stubs observed Dense ivy in the crown Light ivy on stem Minor deadwood in the crown
2588	Field maple	10.0	3.0	4	50 60 80 80	2.0	2.0	2.0	2.0	SM	F	F	10	1.8	C 1	Apical dieback Dense ivy in the crown Dense ivy on the stem Minor deadwood in the crown
2589	Field maple	9.0	3.0	2	180 150	1.5	1.5	1.5	1.5	SM	F	P	28	3.0	C 1	Apical dieback Basal epicormic growth observed Dense ivy in the crown Dense ivy on the stem Minor deadwood in the crown Tree is showing signs of decline
2590	Field maple	11.0	3.0	1	360	4.0	4.0	4.0	4.0	EM	F	G	64	4.5	B 1	Minor deadwood in the crown No obvious defects observed
2591	Field maple	8.0	3.0	1	140	1.5	1.5	1.5	1.5	SM	F	F	10	1.8	C 1	Dense ivy in the crown Dense ivy on the stem Limited inspection due to ivy Included unions observed
2592	Field maple	10.0	3.0	2	150 140	2.5	2.5	2.5	2.5	SM	F	F	23	2.7	C 1	Dense ivy in the crown Dense ivy on the stem Branch stubs observed Minor deadwood in the crown
2593	Field maple	11.0	2.0	3	240 180 210	3.0	3.0	3.0	3.0	SM	F	F	64	4.5	C 1	Apical dieback Branch stubs observed Dense ivy in the crown Dense ivy on the stem Minor deadwood in the crown Pollarded form
2594	Field maple	8.0	3.0	3	80 180 90	2.0	2.0	2.0	2.0	SM	F	F	23	2.7	C 1	Dense ivy in the crown Dense ivy on the stem Minor deadwood in the crown
2595	Field maple	8.0	2.0	2	80 60	1.0	1.0	1.0	1.0	SM	F	F	5	1.2	C 1	Dense ivy in the crown Dense ivy on the stem Minor deadwood in the crown

Tree No	Species	Height (m)	Crown Clearance (m)	No. of Stems	Stem Dia. (mm)	Crown Radius				Age Class	Structure	Vigour	RPA (m)	RPA Radius (m)	Cat	Comments
						N	E	S	W							
G1	Ash Blackthorn Dogwood Elder Field maple Hawthorn Hazel Whitebeam Silver birch Yew	6.0	0.0	-	140	2.0	2.0	2.0	2.0	Y SM EM	G,F	G,F	10	1.8	C 2,3	Dead and dying trees present
G2	English oak Field maple Hawthorn Hazel	10.0	0.0	-	280	3.0	3.0	3.0	3.0	SM EM	G,F	G,F	41	3.6	B 3	Group is located off site but overhangs the study area Limited inspection due to access Limited inspection due to dense vegetation Minor deadwood in the crowns
G3	Ash Blackthorn Dogwood Elder Field maple Hawthorn Hazel Whitebeam Silver birch Yew	6.0	0.0	-	140	2.0	2.0	2.0	2.0	Y SM EM	G,F	G,F	10	1.8	C 2,3	Dead and dying trees present



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