

Arboricultural Method Statement & Tree Protection Plans

South Wokingham Distributor Road,
Wokingham, Berkshire

Tony Gee and Partners LLP



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Arboricultural Method Statement and Tree Protection Plans

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1 Introduction

1.1 Appointment

- 1.1.1 Lanpro Services Ltd. was appointed by Tony Gee and Partners LLP, to produce an Arboricultural Method Statement (AMS) and Tree Protection Plans (TPPs) in accordance with British Standard 5837:2012 'Trees in Relation to Design, Demolition and Construction – Recommendations'.

1.2 Background

- 1.2.1 The approved development consists of full planning permission for the construction of the South Wokingham Distributor Road (SWDR) to the south of the town of Wokingham in Berkshire. The road will connect Finchampstead Road and Waterloo Road and include a link to Heathlands Road. The SWDR will comprise a single carriageway, approximately 2.7km in length and will also include a shared 3m wide cycle lane/footway.
- 1.2.2 The planning permission for the SWDR (under planning application reference: 192928 with Wokingham Borough Council) includes planning conditions 9 and 11. Planning condition 9 requires the submission of Tree Protection Plans which accord with an Arboricultural Method Statement as well as the detailed hard and soft landscaping plans. Tree Protection Plans were previously provided by Tony Gee in October 2021 under planning application 213554 (Table 1 below). A stand-alone Tree Protection Plan was also provided by Lanpro in 2024 for the 'commencement works' area near the Tesco Roundabout (Table 1, planning application reference: 240376). The previous plans required updating to reflect minor revisions to the design of the Development as shown in the Landscape Masterplan (Table 1).
- 1.2.3 Condition 11 requires an Arboricultural Method Statement and Scheme of Works which provides for the retention and protection of trees, shrubs and hedges on or adjacent to the Site in accordance with BS5837:2012 to be submitted for each phase of the Development. Tracey Clarke Tree Consultancy provided an Arboricultural Method Statement (AMS) under planning reference: 213554. Similarly to the Tree Protection Plans, the AMS required updating to reflect the minor revisions to the design of the Development as shown in the Landscape Masterplan and to ensure alignment between the final TPPs and AMS.
- 1.2.4 The following schedule and drawings are to be read in conjunction with this report and are included as appendices:
- Tree Survey Schedule (Appendix 1)
 - Tree Protection Plans (Appendix 2)

Table 1. Pertinent Documents

Planning Application Reference	Document/Drawing	Document/Drawing Number	Company of Origin
213554	Tree Protection Plans	WMHP-TG-SRWG1-DR-LS-3041-P07 WMHP-TG-SRWG1-DR-LS-3042-P07 WMHP-TG-SRWG1-DR-LS-3043-P07 WMHP-TG-SRWG1-DR-LS-3044-P07	Tony Gee
213554	Arboricultural Impact Assessment	WMHP-TG-SRWG1-RP-LS-0003-P03	Tracey Clarke Tree Consultancy
192928	Detailed Arboricultural Report	70032441-ARB-0.3	WSP
240376	Tree Protection Plan for 'commencement area'	4977-LAN-ZZ-XX-DR-Y-102-P01	Lanpro
N/A	Landscape Masterplan	4977-LAN-XX-XX-M2-L-0001	Lanpro

1.3 Objectives

- 1.3.1 The objective of this report is to provide an arboricultural schedule of work to guide each stage of the Development and ensure best practice precautionary measures are followed to safeguard retained trees. This will ensure that the Development is carried out effectively and the retained trees are adequately protected.
- 1.3.2 This report also aims to update the previous Tree Protection Plans and Arboricultural Method Statement as listed in Table 1 above and allow for the discharge of conditions 9 and 11 for planning application 192928.

1.4 Limitations

- 1.4.1 Lanpro has prepared this Arboricultural Method Statement, Arboricultural Impact Assessment Addendum and all associated drawings based on the data, reports and drawings carried out by previous consultants, all of which are detailed in Table 1 of this report. Consequently, Lanpro cannot take any responsibility for any inaccuracies, omissions, or errors in any supplied documentation.

2 Relevant Legislation and Policy

2.1 Town and Country Planning Act 1990

- 2.1.1 Paragraph 197 of the Town and Country Planning Act 1990 requires local planning authorities when determining a development application, to have due regard for the protection and planting of trees. As such, trees are a material consideration in the planning process.

2.2 Tree Preservation Order (TPO)

- 2.2.1 A Tree Preservation Order (TPO) is a legal Order applied to an individual tree, group of trees, area or woodland. It makes it a legal offence to cut down, top, lop, uproot, wilfully damage or destroy a tree (including roots) specified in the Order.
- 2.2.2 All species of tree can be protected by a TPO. Area orders protect all trees of whatever size and species that are present within the defined area in the year that the Order was made. Woodland TPOs cover all trees within the defined woodland area including canopy trees, understorey trees, saplings and seedlings. Prior to undertaking works to a tree protected by a TPO, consent must first be gained from the local planning authority through a tree works application. Exceptions to the need to apply for consent do apply, advice from an Arboriculturist must be sought on the extent and relevance of any exceptions.

2.3 Birds and Bats

- 2.3.1 Birds often nest in trees and can be affected by tree removal or pruning works. All bird species are protected under the Wildlife and Countryside Act 1981 (as amended). This legislation prevents the killing or injuring of any bird or damaging or destroying nests and eggs. Some species (including barn owl *Tyto alba*) are also listed under Schedule 1 of the Wildlife and Countryside Act 1981 (as amended). For Schedule 1 species, the intentional or reckless disturbance of the species on or near an active nest is prohibited.
- 2.3.2 Bats roost in trees and must be considered when undertaking tree work. All bat species are listed under Schedule 2 of the Conservation of Habitats and Species (Amendment) (EU Exit) Regulations 2019. Bats and their roosts also receive protection from disturbance by the Wildlife and Countryside Act 1981 (as amended). This protection extends to both the species and roost sites. It is an offence to kill, injure, capture, possess or otherwise disturb bats. Bat roosts are protected at all times of the year (making it an offence to damage, destroy or obstruct access to bat roosts), regardless of whether bats are present at the time.

2.4 National Planning Policy Framework 2023 (19th December)

- 2.4.1 Paragraph 136 of the National Planning Policy Framework states that trees make an important contribution to the character and quality of urban environments and can also help mitigate and adapt to climate change. Planning policies and decisions should ensure that new streets are tree lined, that opportunities are taken to incorporate trees elsewhere in developments (such as parks and community orchards), that appropriate measures are in place to secure the long-term maintenance of newly planted trees and that existing trees are retained wherever possible. Applicants and local planning authorities should work with highway officer and tree officers to ensure that the right trees are planted in the right places and solutions are found that compatible with highway standards and the needs of different users.
- 2.4.2 With regard to ancient and veteran trees, paragraph 180c) states that *“Development resulting in the loss or deterioration of irreplaceable habitats (such as ancient woodland and ancient or veteran trees) should be refused, unless there are wholly exceptional reasons and a suitable*

compensation strategy exists". Exceptional reasons are limited to Nationally Significant Infrastructure Projects and other exceptional circumstances.

3 Arboricultural Method Statement

3.1 How To Use This Document

- 3.1.1 The following Arboricultural Method Statement (AMS) and attached Tree Protection Plans (TPPs) must be presented to all personnel, visitors and sub-contractors involved with Site activities. This includes tree removal, pruning, vegetation clearance, groundworks, construction works and landscaping works.
- 3.1.2 A copy of this Method Statement and Tree Protection Plans must be accessible to all personnel, visitors and sub-contractors entering the Site.
- 3.1.3 It is the responsibility of the Site Manager or nominated personnel with suitable arboriculture qualifications to communicate the contents of this Method Statement to all personnel, visitors and sub-contractors undertaking different relevant activities.

3.2 Retained Arboricultural Features:

- 3.2.1 There are multiple Tree Protection Orders (TPO's), veteran trees/ancient trees and ancient woodlands on Site. When working around these features, care must be taken and this AMS must be followed to ensure that no harm comes to these higher-value arboricultural features. Locations and information on these trees can be found in the pertinent documentation and the appendices at the end of this document.

Table 2: Summary of Retained Arboricultural Features:

Category	Trees	Tree Groups	Hedges	Woodlands
High-Quality Category A	14	0	0	1
Moderate-Quality Category B	28	9	0	2
Low-Quality Category C	24	14	16	0
Very Low-Quality Category U	3	0	0	0
Total	69	23	16	3

3.3 Sequence of Events

- 3.3.1 This Method Statement identifies key activities that have the potential to harm trees. Activities are considered in the expected chronological order of the Development. Measures to avoid or mitigate the potential impacts on trees have been provided and will be followed on-Site in collaboration with the project Arboriculturist.
- 3.3.2 The sequence of works will be undertaken as shown in Table 3 below.

Table 3: Works Schedule

Construction Stage	Arboricultural Operation
Pre-Construction	Removal of the trees outlined within the associated TPP by a competent contractor.

	Preliminary Site meeting. The location and specification of tree protection fencing are to be discussed and marked out on Site.
	The installation of temporary tree protection fencing as detailed in the TPPs.
	Positioning of Site office and compounds
Construction Phase	Ground works.
	Manual excavation in small areas of unprotected RPAs of trees T74, T92, T107, G158, G223. See section 3.10 for the methodology.
Post Construction Phase	Removal of temporary tree protection fencing and ground protection (if needed).

3.4 Tree Removals

Table 4: Tree Works Summary

Individual Tree Removals		
BS5837 Quality Category	Tree/Group Reference	Total
Category A (high quality)	T5, T7, T29, T76, T93, T95, T103	7
Category B (moderate quality)	T1, T2, T3, T4, T8, T9, T10, T11, T16, T17, T18, T28, T34, T37, T39, T101	16
Category C (low quality or young)	T19, T25, T31, T36, T53, T55, T56, T57, T58, T59, T60, T61, T62, T65, T66, T67, T68, T70, T105, T247	20
Category U (very low quality)	T104	1
Tree Group Removals		
Category C (low quality or young)	G139, G143, G146, G147, G148, G163, G165, G251	8
Partial Group Removals		
Category A (high quality)	G248, G249	2
Category B (moderate quality)	G121, G123, G159	3
Category C (low quality or young)	G149, G151, G152, G164, G166, G167, G168, G169, G220	9
Hedge Removals		
Category C (low quality or young)	H126, H142	2
Partial Hedge Removals		

Category C (low quality or young)	H127, H128, H130, H131, H132, H133, H140, H144, H150	9
Root Pruning of Groups and Trees		
Category A (high quality)	T107	1
Category B (moderate quality)	T74, T92, G158, G223	4

- 3.4.1 All tree work will be undertaken by a suitably qualified, insured, experienced and authorised arborist working in accordance with British Standard 3998: 2010 Tree Work – Recommendations. No tree works will be undertaken by construction workers unless qualified to do so.
- 3.4.2 Trees within G248 and G223 appear to lie outside the red line boundary for the Scheme and require removal to facilitate drainage works. It is advised that prior to any works to such trees being undertaken (such as removal, pruning or root pruning), permission is sought from the tree owner to ensure these works can be undertaken legally. Legal advice may need to be sought prior to work being carried out.
- 3.4.3 When undertaking tree work, ecological advice on nesting birds and roosting bats must be followed to comply with the legal protections afforded to such species groups as detailed in section 2.3 above.
- 3.4.4 No additional works to trees will take place without prior consultation with the project Arboriculturist and an update to this Arboricultural Method Statement being carried out.

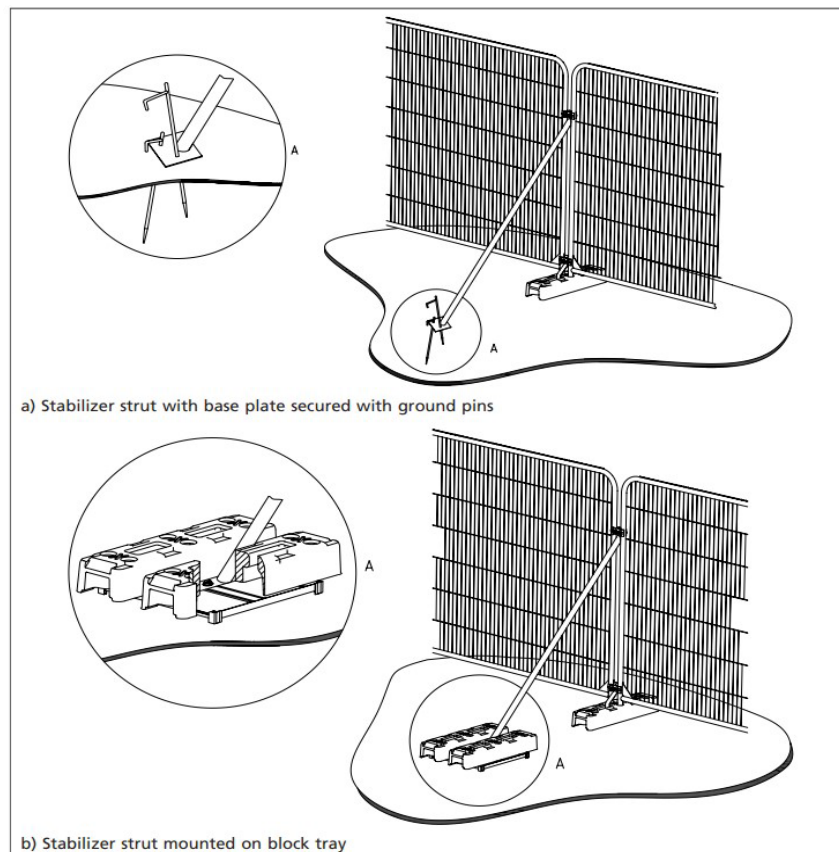
3.5 Installation of Tree Protection Fencing

- 3.5.1 Tree protection fencing must be installed in the locations shown on the associated Tree Protection Plans after tree removals have taken place and before construction activities begin such as setting up a Site compound, haul road, groundworks, installation of services or other building works.
- 3.5.2 The locations of these measures are designed to protect the Root Protection Areas (RPAs) of all retained trees and exclude all construction activities from RPAs. The column entitled 'RPA Radius (m)' in the Tree Survey Schedule in Appendix 1 gives the horizontal radius that the RPA stretches from each tree's stem. For trees in groups or woodlands, the RPA will be measured from the stem of the outermost tree at any given location.
- 3.5.3 The RPA is the minimum area of roots required for a tree to survive. As such the RPA must be considered sacrosanct and a Construction Exclusion Zone as delineated by tree protection fencing and ground protection if necessary.
- 3.5.4 Tree protection fencing locations will be marked on-Site by an engineer working with GPS coordinates based on the Tree Protection Plans.
- 3.5.5 Tree protection fencing will consist of a vertical scaffold framework made of posts, well-braced to resist impacts. The framework must be driven into the ground, taking care to avoid any large structural roots (>25mm in diameter) and underground services. Onto this framework, Heras fencing will be securely fixed with anti-tamper couplers between fence panels. An alternative acceptable specification that avoids driving posts into the ground would be bracing Heras

fencing with bracing poles and ground pins or bracing poles with block trays as shown in Figure 1 below.

- 3.5.6 Signage will be attached on every second fence panel that reads 'Tree Protection Zone –Keep Out'.

Figure 1. Temporary Tree Protection Fencing Specification as per BS5837: 2012



- 3.5.7 A pre-commencement Site meeting will take place once the tree protection measures have been erected and prior to construction commencing. Compulsory attendees for this meeting will be the Project Arboriculturist (PA) and Site Manager (SM). Further attendees will be pertinent contractors such as those responsible for groundworks, and other specialist techniques required to protect the retained trees.
- 3.5.8 Once installed, tree protection fencing will not be moved or altered in any way without prior consultation and sign-off from an Arboriculturist. If fencing does need to be moved back to create construction space, appropriate ground protection (see 3.8 below) must be used to cover the exposed RPA during works until such time as tree protection fencing can be reinstated in its original position.
- 3.5.9 It is the responsibility of all persons working on the Site to ensure that the fencing remains intact and in the correct locations throughout construction. It is also the responsibility of all persons working on the Site to respect the Construction Exclusion Zones created by the tree protection fencing. In the event that any fence panels are damaged, this must be rectified immediately to restore the Construction Exclusion Zone.
- 3.5.10 Tree protection fencing will only be removed once all construction and landscaping work is complete.

3.6 Preliminary Site Meeting

- 3.6.1 The PA will inspect the tree protection measures on-Site and review comments by other parties in the meeting. The PA will only check the tree protection measures are fit for the purpose of protecting the retained trees. It is the responsibility of the SM and other contractors to work around these protection measures, if any contractor has doubts about being able to work around the tree protection measures they are to voice their concerns in this meeting.

3.7 Site Office and Compounds

- 3.7.1 The Site office and compounds must be located outside of the RPAs and canopy spreads of all retained trees. Access to the Site office and construction compounds must avoid low tree canopies to avoid the need for pruning to allow taller construction vehicles to gain entry to the compound.
- 3.7.2 No materials or machinery shall be stored within RPAs at any point.
- 3.7.3 The storage of oils, fuels and chemicals within the compound will be confined to areas with impervious bases and surrounded by impervious bunds. All materials storage facilities and areas must consider the effects of sloping ground on the movement of potentially harmful liquids towards retained trees.

3.8 Installation of Ground Protection

- 3.8.1 Ground protection must be suitable for the weight of the traffic using the area to ensure that underlying soils are not compacted. Ground protection specifications will meet the recommendations set out in paragraph 6.2.3.3 of British Standard 5837: 2012:

“for pedestrian movements only, a single thickness of scaffold boards placed either on top of a driven scaffold frame, so as to form a suspended walkway, or on top of a compression-resistant layer (e.g. 100 mm depth of woodchip), laid onto a geotextile membrane;

for pedestrian-operated plant up to a gross weight of 2 t, proprietary, inter-linked ground protection boards placed on top of a compression-resistant layer (e.g. 150 mm depth of woodchip), laid onto a geotextile membrane;

for wheeled or tracked construction traffic exceeding 2 t gross weight, an alternative system (e.g. proprietary systems or pre-cast reinforced concrete slabs) to an engineering specification designed in conjunction with arboricultural advice, to accommodate the likely loading to which it will be subjected.”

- 3.8.2 For construction traffic exceeding 2 tonnes, appropriate ground protection will constitute a 150mm woodchip or sharp sand layer topped with heavy-duty ground protection mats (multiple providers are available for rent or purchase) that are suitable for the weight of the heaviest vehicle requiring access to the area.
- 3.8.3 In all cases the objective must be to avoid soil compaction within RPAs. A single pass of a heavy vehicle, especially in wet ground conditions, can cause compaction.

3.9 Ground Works

- 3.9.1 This Method Statement will be provided to groundworks contractors in advance of groundworks commencing.
- 3.9.2 Only approved ground works will be carried out within the RPAs of trees to be retained as shown on the Tree Protection Plans. For all other trees, ground levels will not be raised or lowered

within RPAs. No heavy machinery or soil storage will enter RPAs. No mechanical excavation will take place within RPAs.

3.10 Methodology for Hand Excavation and Encountered Roots

- 3.10.1 Trees/groups to which this section refers: T74, T92, T107, G158, G223
- 3.10.2 Prior to excavation for the proposed drainage and road works commencing, the PA will identify and mark RPAs on Site. A qualified Arboriculturist will then be present for all excavation within RPAs.
- 3.10.3 Excavation equipment must not include any heavy machinery. Hand tools only will be used within RPAs such as spades, trowels, pick axes and hand saws. A mini-digger fitted with a non-toothed bucket may be acceptable if supervised by an Arboriculturist and working from ground protection (section 3.8). The use of a mini-digger will be agreed in advance with the Arboriculturist.
- 3.10.4 Excavate by hand only. Carefully remove soil in layers, observing for roots and stopping immediately upon encountering any. Use hand tools to gently expose roots, taking care not to scrape or tear the bark of any exposed roots.
- 3.10.5 In the event that roots are encountered during the project the following methodology shall be followed for the management of exposed roots:
- Roots, whilst exposed, will immediately be wrapped or covered with damp hessian to prevent desiccation and protect them from rapid temperature and moisture changes. Any wrapping shall be removed prior to backfilling, which shall take place as soon as possible.
 - Roots smaller than 25mm in diameter may be pruned back by ground workers under Arboricultural supervision to the edge of the excavation area by making a clean cut with a suitable sharp tool at a 90° angle to the root orientation unless they occur in clumps.
 - Roots occurring in clumps or with a diameter of 25mm or greater will be severed only after consultation with an Arboriculturist.
 - Damaged roots smaller than 25mm will, where possible, be covered or reburied to prevent desiccation.
- 3.10.6 Before backfilling, retained roots will be surrounded by topsoil or uncompacted sharp sand (not builder's sand) or granular fill, before soil or other suitable material is replaced. This material shall be free from contaminants and foreign objects that could harm tree roots.
- 3.10.7 Materials, plant, and spoil will not be stored near the edge of the RPA, especially where there is a risk of runoff or contamination of the RPA, such as rainwater runoff on a downslope towards the RPA.

3.11 Underground Services

- 3.11.1 Underground services not accounted for within this AMS must avoid the RPAs of all retained trees. At the time of writing, no details of the locations of underground services other than drainage have been provided therefore provisional advice is provided below if additional services do intersect with RPAs.
- 3.11.2 Prior to the installation of services within RPAs, the project Arboriculturist will be consulted.

- 3.11.3 The distance between the service run and the tree stems must be maximised to minimise the size and amount of root that may be impacted.
- 3.11.4 Impact moling will be used wherever possible to install underground services within RPAs. Entry and exit pits must be located outside of RPAs and when passing underneath RPAs, the depth of moling must exceed 600mm.
- 3.11.5 Where impact moling is not practical, hand digging with hand tools and an air spade will take place within the RPA under the supervision of an Arboriculturist to create the trench. Roots larger than 25mm will be assessed by the Arboriculturist and then if suitable, pruned back cleanly to the side of the trench on the stem side by construction personnel.
- 3.11.6 If roots need to be retained they will be wrapped in damp hessian and worked around. Services will then be threaded underneath roots. Advice from the service engineer will be sought regarding the need for installing a root protection barrier around the service to protect the service from potential future root ingress.

3.12 Soft Landscaping

- 3.12.1 Landscaping works, particularly any soil movement, may impact these trees' surface roots through excavation of the soil to prepare it for seeding. Excavation can lead to root severance and loss, impairing the trees' abilities to absorb water and nutrients, it can also create wounds on woody roots which may allow pathogen ingress, harming the longevity of the trees.
- 3.12.2 No machinery will be used within the RPAs of retained trees within the Site.

3.13 Post Construction

- 3.13.1 When all construction and landscaping works are complete, tree protection fencing and ground protection measures can be removed.

3.14 General Precautions

- 3.14.1 It is important that all workers on Site are aware of the tree constraints and the presence of the Tree Preservation Order on the Site, please see the associated TPP's for reference.
- 3.14.2 A copy of this report and the attached Tree Protection Plans must be available in the Site Office at all times and provided to relevant contractors ahead of time.
- 3.14.3 Planning of construction activities will take account of the canopies of existing trees to ensure that no movements of materials impact the trees, potentially causing physical damage.
- 3.14.4 Movement of machinery or equipment with a hydraulic lifting arm will be carried out under the supervision of a banksman to ensure that adequate clearance distances are always maintained.
- 3.14.5 No spoil, oils, chemicals or building materials are to be stored within the RPA, particularly those whose accidental spillage could potentially cause contamination and damage to a tree. No fires will be sited near tree canopies.
- 3.14.6 RPAs will be considered as a Construction Exclusion Zone.

3.15 Contingency Actions

- 3.15.1 In the event where this AMS or the Tree Protection Plan has not been followed or additional works to trees are required and those works are not included in this report, the PA must be contacted immediately/as soon as reasonably practicable. A photographic record of the breach and/or damage must be made by an appointed Site supervisor. The PA may have to visit the Site to assess the damage caused and a plan of action will be agreed between the PA and Site

supervisor. Contact with the Local Planning Authority (LPA) may be necessary to update them on the tree protection area breach. A record of all correspondence between all parties involved will be kept.





Table D-1 – Arboricultural Survey Schedule Descriptors

Key:	Description					
REFERENCE NUMBER:	Individual reference number					
TYPE:	T - Tree	G – Tree Group	W – Wooded Area	H - Hedge		
SPECIES:	Species listed by common name					
HEIGHT:	Overall height (m) – maximum and minimum heights may be recorded for tree groups, wooded areas and hedges where these vary considerably or are deemed to be noteworthy					
DIAMETER:	Stem diameter (mm) calculated in accordance with BS 5837 paragraph 4.6.1. An average stem diameter is provided for tee groups, wooded areas and hedges					
CROWN SPREAD	Spread of crown based upon the maximum lateral dimension (m)					
LCH:	Lowest crown height (m)		* Where an arboricultural feature abuts the edge of the study area then only the portion of the crown within/overhanging the study area will be surveyed and recorded			
FSB:	Height of lowest significant branch (m)					
AGE CLASS:	Young - < 1/3rd estimated life expectancy		Semi-mature – 1/3rd to 2/3rd estimated life expectancy		Mature - > 2/3rd estimated life expectancy	Veteran – a tree which exists significantly beyond its normal life expectancy
PHYSIOLOGICAL CONDITION:	Good		Fair		Poor	Dead
STRUCTURAL CONDITION:	Good		Fair		Poor	
ESTIMATED REMAINING CONTRIBUTION:	>10 years		10+ years		20+ years	40+ years
CATEGORY:	BS 5837 Category - A, B, C, U		BS 5837 Sub-category - 1, 2, 3			
RPA RADIUS	The radius of the circular RPA associated with the tree as measured from the centre of the stem (m)					

Table D-2 – Arboricultural Survey Schedule

TREE NO	TYPE	SPECIES	HEIGHT	HEIGHT (MINIMUM)	HEIGHT (MAXIMUM)	DIAMETER (mm)	DIAMETER (MINIMUM) (mm)	DIAMETER (MAXIMUM) (mm)	CROWN SPREAD (m)	AGE CLASS	ESTIMATED REMAINING	CATEGORY	SUB-CATEGORY	NOTES	RPA RADIUS (m)
119	G	Oak; Ash	-	9	11	-	300	500	5	Mature	20+	B	2	-	6.0
120	G	Oak; Ash	-	8	14	-	200	600	5	Mature	20+	B	2	Line of self-set trees; Within rail corridor	7.2
121	G	Mixed Native	-	4	14	-	75	400	5	Semi-Mature	20+	B	2	Established woody shrubs with scattered trees; Moderate value low level screening; Some value within wider landscape	4.8
122	G	Ash; Oak	-	4	10	-	75	500	4	Semi-Mature	20+	B	2	Established woody shrubs and semi-mature trees; Good low-level screening; Obvious visual feature within landscape	6.0
123	G	Oak	-	9	14	-	250	700	6	Mature	40+	B	1/2	-	8.4
124	G	Oak; Ash	-	10	14	-	400	700	5	Mature	40+	B	1/2	-	8.4

TREE NO	TYPE	SPECIES	HEIGHT	HEIGHT (MINIMUM)	HEIGHT (MAXIMUM)	DIAMETER (mm)	DIAMETER (MINIMUM) (mm)	DIAMETER (MAXIMUM) (mm)	CROWN SPREAD (m)	AGE CLASS	ESTIMATED REMAINING	CATEGORY	SUB-CATEGORY	NOTES	RPA RADIUS (m)
125	G	Mixed Native - Including Oak; Birch; Poplar	-	6	12	-	150	600	5	Mature	20+	B	2	Localised screening of rail corridor; Landscape feature due to elevated topography	7.2
129	G	Hazel; Holly	-	6	8	-	200	300	4	Mature	20+	C	2	-	3.6
139	G	Ash; Oak	-	8	10	-	125	300	4	Semi-Mature	20+	C	2	-	3.6
143	G	Hawthorn; Blackthorn; Field Maple; Ash	-	3	6	-	75	200	2	Semi-Mature	10+	C	2	Sporadic group of self-set trees along ditch	2.4
145	G	Alder	-	7	11	-	250	500	4	Over Mature	10+	C	2	Group of spaced alder trees in variable condition; Alongside farm access track	6.0
146	G	Hawthorn; Goat Willow	-	5	8	-	250	450	4	Mature	10+	C	1	-	5.4
147	G	London Plane	-	10	12	-	250	350	5	Semi-Mature	20+	C	2	Partially suppressed	4.2

TREE NO	TYPE	SPECIES	HEIGHT	HEIGHT (MINIMUM)	HEIGHT (MAXIMUM)	DIAMETER (mm)	DIAMETER (MINIMUM) (mm)	DIAMETER (MAXIMUM) (mm)	CROWN SPREAD (m)	AGE CLASS	ESTIMATED REMAINING	CATEGORY	SUB-CATEGORY	NOTES	RPA RADIUS (m)
148	G	Hawthorn	-	3	10	-	100	350	3	Mature	20+	C	1/2	Outgrown hedge with scattered trees (various native species); Some amenity value as adjacent to footpath	4.2
149	G	Blackthorn; Hawthorn; Oak	-	4	8	-	150	300	4	Mature	20+	C	2	Unmanaged self-set trees along edge of ditch	3.6
151	G	Mixed Native	-	2	7	-	100	400	4	Mature	20+	C	2	Localised amenity value	4.8
152	G	Alder; Ash; Goat Willow	-	6	12	-	200	400	4	Mature	10+	C	2	Linear group of trees either side of stream; Some localised amenity value	4.8
154	G	Oak	-	4	5	-	75	150	2	Semi-Mature	10+	C	2	-	1.8
155	G	Oak; Hawthorn	-	4	10	-	200	500	4	Mature	20+	C	2	Separate trees with understorey	6.0

TREE NO	TYPE	SPECIES	HEIGHT	HEIGHT (MINIMUM)	HEIGHT (MAXIMUM)	DIAMETER (mm)	DIAMETER (MINIMUM) (mm)	DIAMETER (MAXIMUM) (mm)	CROWN SPREAD (m)	AGE CLASS	ESTIMATED REMAINING	CATEGORY	SUB-CATEGORY	NOTES	RPA RADIUS (m)
156	G	Oak	-	4	5	-	75	250	3	Semi-Mature	10+	C	2	-	3.0
158	G	Oak; Ash	-	10	14	-	500	800	8	Mature	20+	B	1/2	Group of 3 trees	9.6
159	G	Oak	-	8	10	-	250	400	5	Mature	20+	B	2	-	4.8
162	G	Alder; Goat Willow; Hawthorn	-	6	8	-	75	250	3	Mature	10+	C	2	-	3.0
163	G	Goat Willow	-	6	7	-	200	300	4	Semi-Mature	10+	C	2	-	3.6
164	G	Mixed Native	-	4	10	-	75	500	4	Semi-Mature	10+	C	2	Predominately alder, oak and willow; Self-set trees; No evidence of historic management	6.0
165	G	Goat Willow	-	6	7	-	150	300	3	Semi-Mature	10+	C	2	-	3.6

TREE NO	TYPE	SPECIES	HEIGHT	HEIGHT (MINIMUM)	HEIGHT (MAXIMUM)	DIAMETER (mm)	DIAMETER (MINIMUM) (mm)	DIAMETER (MAXIMUM) (mm)	CROWN SPREAD (m)	AGE CLASS	ESTIMATED REMAINING	CATEGORY	SUB-CATEGORY	NOTES	RPA RADIUS (m)
166	G	Mixed Native	-	5	12	-	150	500	5	Mature	20+	C	2	Species include oak, alder, goat willow and hawthorn; Generally low-quality self-set trees along ditch	6.0
167	G	Mixed Native	-	6	14	-	150	500	5	Mature	10+	C	2	Species include ash, oak, alder, goat willow and hawthorn; Generally low quality self-set trees along ditch	6.0
168	G	Mixed Native	-	4	12	-	75	500	5	Mature	20+	C	2	Self-set trees; Individuals are generally of poor form; Includes trees in poor condition; Some localised public amenity value as a group	6.0
169	G	Mixed Native - Predominately Oak	-	6	11	-	150	400	4	Semi-Mature	20+	C	2	Some amenity value due adjacent footpath	4.8

TREE NO	TYPE	SPECIES	HEIGHT	HEIGHT (MINIMUM)	HEIGHT (MAXIMUM)	DIAMETER (mm)	DIAMETER (MINIMUM) (mm)	DIAMETER (MAXIMUM) (mm)	CROWN SPREAD (m)	AGE CLASS	ESTIMATED REMAINING	CATEGORY	SUB-CATEGORY	NOTES	RPA RADIUS (m)
170	G	Hawthorn; Blackthorn	-	3	4	-	75	200	2	Mature	10+	C	1	Scrubby, scattered trees	2.4
126	H	Blackthorn; Hawthorn; Ash	-	3	5	-	75	150	2	Semi-Mature	10+	C	2	Infrequently managed hedge; Some gaps	1.8
127	H	Mixed Native	-	2	3	-	75	150	1.5	Semi-Mature	10+	C	2	Infrequently managed	1.8
128	H	Mixed Native	-	1.5	1.5	-	75	100	1	Mature	20+	C	2	Maintained hedge	1.2
130	H	Blackthorn	-	1.5	1.5	-	75	75	0.5	Mature	10+	C	2	Maintained hedge	0.9
131	H	Blackthorn	-	1.5	1.5	-	75	75	0.5	Mature	10+	C	2	Maintained hedge	0.9
132	H	Mixed Native	-	1.5	1.5	-	75	75	1	Mature	10+	C	2	Maintained hedgerow	0.9
133	H	Mixed Native	-	1.5	1.5	-	75	75	1	Mature	10+	C	2	Maintained hedge	0.9
134	H	Elm	-	2	2	-	100	100	1	Mature	10+	C	2	Maintained hedge	1.2

TREE NO	TYPE	SPECIES	HEIGHT	HEIGHT (MINIMUM)	HEIGHT (MAXIMUM)	DIAMETER (mm)	DIAMETER (MINIMUM) (mm)	DIAMETER (MAXIMUM) (mm)	CROWN SPREAD (m)	AGE CLASS	ESTIMATED REMAINING	CATEGORY	SUB-CATEGORY	NOTES	RPA RADIUS (m)
135	H	Mixed Native; Predominately Elm	-	2	5	-	75	150	1.5	Mature	20+	C	2	Sporadically managed hedge	1.8
136	H	Mixed Native	-	1.5	2	-	75	100	1	Mature	20+	C	2	Maintained hedge	1.2
137	H	Mixed Native	-	2	2	-	100	100	1	Mature	10+	C	2	Maintained hedge	1.2
138	H	Blackthorn	-	2	2	-	100	100	1	Mature	10+	C	2	Maintained hedge	1.2
140	H	Mixed Native	-	1.5	1.5	-	75	75	1	Mature	10+	C	2	Maintained hedge	0.9
141	H	Mixed Native	-	2	3	-	100	100	1	Mature	10+	C	2	Maintained hedge	1.2
142	H	Hawthorn	-	2	3	-	100	150	1.5	Semi-Mature	10+	C	2	Hedgerow formed from distinct individuals or small groups of hawthorn plants	1.8
144	H	Mixed Native	-	2	2.5	-	100	100	1	Mature	10+	C	2	Maintained hedge	1.2

TREE NO	TYPE	SPECIES	HEIGHT	HEIGHT (MINIMUM)	HEIGHT (MAXIMUM)	DIAMETER (mm)	DIAMETER (MINIMUM) (mm)	DIAMETER (MAXIMUM) (mm)	CROWN SPREAD (m)	AGE CLASS	ESTIMATED REMAINING	CATEGORY	SUB-CATEGORY	NOTES	RPA RADIUS (m)
150	H	Hawthorn; Oak	-	1	3	-	75	250	2	Semi-Mature	10+	C	2	Spaced trees currently forming a rough hedgerow; Oaks have some potential to form trees if correctly maintained	3.0
153	H	Hawthorn	-	3	4	-	75	125	2	Semi-Mature	10+	C	2	-	1.5
1	T	Oak	14	-	-	600	-	-	5	Mature	20+	B	1/2	Suppressed tree	7.2
2	T	Oak	14	-	-	700	-	-	7	Mature	40+	B	1/2	Partly suppressed	8.4
3	T	Ash	18	-	-	800	-	-	8	Mature	20+	B	1/2	Within rear garden; Restricted visibility; All data estimated	9.6
4	T	Ash	19	-	-	1100	-	-	11	Mature	20+	B	1/2	Dense ivy prevented full inspection; All three stems lean with swept bases; Potentially weak union at stem base	13.2

TREE NO	TYPE	SPECIES	HEIGHT	HEIGHT (MINIMUM)	HEIGHT (MAXIMUM)	DIAMETER (mm)	DIAMETER (MINIMUM) (mm)	DIAMETER (MAXIMUM) (mm)	CROWN SPREAD (m)	AGE CLASS	ESTIMATED REMAINING	CATEGORY	SUB-CATEGORY	NOTES	RPA RADIUS (m)
5	T	Oak	14	-	-	900	-	-	6	Mature	40+	A	1/3	On bank of ditch; Decay within scaffold limb; Open holes in obvious use	10.8
6	T	Oak	19	-	-	900	-	-	11	Mature	40+	A	1	Locally notable tree	10.8
7	T	Oak	16	-	-	900	-	-	8	Mature	40+	A	1	Dense ivy prevented full inspection	10.8
8	T	Oak	10	-	-	350	-	-	6	Semi-Mature	40+	B	1	-	4.2
9	T	Oak	16	-	-	700	-	-	8	Mature	40+	B	1	-	8.4
10	T	Oak	14	-	-	700	-	-	8	Mature	40+	B	1	-	8.4
11	T	Oak	10	-	-	660	-	-	6	Mature	20+	B	1/2	-	7.9
12	T	Oak	8	-	-	650	-	-	7	Mature	40+	B	1	-	7.8
13	T	Oak	16	-	-	675	-	-	7	Mature	40+	B	1	-	8.1
14	T	Oak	14	-	-	700	-	-	8	Mature	40+	B	1	Leaning stem	8.4
15	T	Oak	10	-	-	600	-	-	7	Mature	40+	B	1	-	7.2

TREE NO	TYPE	SPECIES	HEIGHT	HEIGHT (MINIMUM)	HEIGHT (MAXIMUM)	DIAMETER (mm)	DIAMETER (MINIMUM) (mm)	DIAMETER (MAXIMUM) (mm)	CROWN SPREAD (m)	AGE CLASS	ESTIMATED REMAINING	CATEGORY	SUB-CATEGORY	NOTES	RPA RADIUS (m)
16	T	Oak	11	-	-	650	-	-	7	Mature	40+	B	1/2	-	7.8
17	T	Oak	14	-	-	700	-	-	8	Mature	40+	B	1/2	-	8.4
18	T	Oak	14	-	-	700	-	-	8	Mature	40+	B	1/2	-	8.4
19	T	Hawthorn	4	-	-	150	-	-	1.5	Semi-Mature	10+	C	1	-	1.8
20	T	Hawthorn	4	-	-	100	-	-	1.5	Semi-Mature	10+	C	1	-	1.2
21	T	Hawthorn	5	-	-	150	-	-	1.5	Semi-Mature	10+	C	1	-	1.8
22	T	Hawthorn	3	-	-	75	-	-	1.5	Semi-Mature	10+	C	1	-	0.9
23	T	Ash	16	-	-	650	-	-	7	Mature	20+	B	1	Dense ivy prevented full inspection	7.8
24	T	Oak	13	-	-	600	-	-	6	Mature	40+	B	1	-	7.2
25	T	Goat Willow	8	-	-	500	-	-	5	Mature	10+	C	1	-	6.0

TREE NO	TYPE	SPECIES	HEIGHT	HEIGHT (MINIMUM)	HEIGHT (MAXIMUM)	DIAMETER (mm)	DIAMETER (MINIMUM) (mm)	DIAMETER (MAXIMUM) (mm)	CROWN SPREAD (m)	AGE CLASS	ESTIMATED REMAINING	CATEGORY	SUB-CATEGORY	NOTES	RPA RADIUS (m)
26	T	Ash	18	-	-	710	-	-	8	Over Mature	10+	C	1	Declining tree	8.5
27	T	Ash	17	-	-	600	-	-	7	Mature	20+	B	1	Limited access prevented full inspection; All data estimated	7.2
28	T	Oak	16	-	-	700	-	-	8	Mature	40+	B	1	No access; All data estimated	8.4
29	T	Oak	17	-	-	800	-	-	8	Mature	40+	A	1/2	-	9.6
30	T	Ash	19	-	-	700	-	-	8	Mature	20+	B	1/2	Dense ivy to stem and inner crown prevented full inspection	8.4
31	T	Willow	10	-	-	350	-	-	4	Semi-Mature	10+	C	2	-	4.2
32	T	Oak	18	-	-	800	-	-	8	Mature	40+	B	1/2	-	9.6
33	T	Oak	16	-	-	450	-	-	7	Mature	40+	B	1/2	-	5.4
34	T	Birch	16	-	-	650	-	-	6	Mature	20+	B	1/2	-	7.8

TREE NO	TYPE	SPECIES	HEIGHT	HEIGHT (MINIMUM)	HEIGHT (MAXIMUM)	DIAMETER (mm)	DIAMETER (MINIMUM) (mm)	DIAMETER (MAXIMUM) (mm)	CROWN SPREAD (m)	AGE CLASS	ESTIMATED REMAINING	CATEGORY	SUB-CATEGORY	NOTES	RPA RADIUS (m)
35	T	Hawthorn	3	-	-	200	-	-	3	Mature	10+	C	2	-	2.4
36	T	Oak	6	-	-	175	-	-	3	Semi-Mature	10+	C	2	-	2.1
37	T	Oak	12	-	-	500	-	-	6	Mature	40+	B	1/2	-	6.0
38	T	Hawthorn	5	-	-	275	-	-	3	Mature	10+	C	2	-	3.3
39	T	Oak	14	-	-	600	-	-	7	Mature	40+	B	1/2	-	7.2
40	T	Ash	18	-	-	610	-	-	6	Mature	20+	B	1/2	-	7.3
41	T	Hawthorn	5	-	-	300	-	-	3	Over Mature	10+	C	2	-	3.6
42	T	Ash	16	-	-	800	-	-	6	Mature	20+	B	1/2	-	9.6
43	T	Oak	14	-	-	650	-	-	5	Mature	20+	C	2	Pruned to north and south due to rail corridor and power lines	7.8

TREE NO	TYPE	SPECIES	HEIGHT	HEIGHT (MINIMUM)	HEIGHT (MAXIMUM)	DIAMETER (mm)	DIAMETER (MINIMUM) (mm)	DIAMETER (MAXIMUM) (mm)	CROWN SPREAD (m)	AGE CLASS	ESTIMATED REMAINING	CATEGORY	SUB-CATEGORY	NOTES	RPA RADIUS (m)
44	T	Oak	12	-	-	400	-	-	4	Mature	20+	C	2	Pruned to north and south due to rail corridor and power lines	4.8
45	T	Willow	8	-	-	920	-	-	6	Mature	10+	C	1	-	11.0
46	T	Willow	14	-	-	890	-	-	8	Mature	20+	B	1	-	10.7
47	T	Willow	18	-	-	720	-	-	8	Mature	20+	B	1	-	8.6
48	T	Beech	7	-	-	300	-	-	4	Semi-Mature	10+	C	1	-	3.6
49	T	Oak	18	-	-	900	-	-	10	Mature	40+	A	1	-	10.8
50	T	Beech	7	-	-	250	-	-	3	Semi-Mature	10+	C	1	Suppressed tree	3.0
51	T	Oak	17	-	-	920	-	-	9	Mature	40+	A	1	-	11.0
52	T	Oak	16	-	-	1000	-	-	8	Mature	40+	A	1	-	12.0
53	T	Oak	5	-	-	200	-	-	2	Semi-Mature	10+	C	1	-	2.4

TREE NO	TYPE	SPECIES	HEIGHT	HEIGHT (MINIMUM)	HEIGHT (MAXIMUM)	DIAMETER (mm)	DIAMETER (MINIMUM) (mm)	DIAMETER (MAXIMUM) (mm)	CROWN SPREAD (m)	AGE CLASS	ESTIMATED REMAINING	CATEGORY	SUB-CATEGORY	NOTES	RPA RADIUS (m)
54	T	Goat Willow	7	-	-	350	-	-	6	Mature	10+	C	1	-	4.2
55	T	Oak	5	-	-	200	-	-	3	Semi-Mature	10+	C	2	-	2.4
56	T	Oak	7	-	-	300	-	-	5	Semi-Mature	20+	C	1	-	3.6
57	T	Apple	4	-	-	200	-	-	3	Semi-Mature	10+	C	1	-	2.4
58	T	Oak	5	-	-	150	-	-	3	Semi-Mature	10+	C	2	-	1.8
59	T	Oak	5	-	-	225	-	-	3	Semi-Mature	10+	C	2	-	2.7
60	T	Turkey Oak	4	-	-	150	-	-	2	Semi-Mature	20+	C	1	-	1.8
61	T	Blackthorn	4	-	-	250	-	-	3	Mature	10+	C	2	-	3.0
62	T	Oak	4	-	-	200	-	-	2.5	Semi-Mature	10+	C	1	-	2.4

TREE NO	TYPE	SPECIES	HEIGHT	HEIGHT (MINIMUM)	HEIGHT (MAXIMUM)	DIAMETER (mm)	DIAMETER (MINIMUM) (mm)	DIAMETER (MAXIMUM) (mm)	CROWN SPREAD (m)	AGE CLASS	ESTIMATED REMAINING	CATEGORY	SUB-CATEGORY	NOTES	RPA RADIUS (m)
63	T	Oak	7	-	-	500	-	-	5	Semi-Mature	20+	C	1/2	-	6.0
64	T	Oak	18	-	-	850	-	-	10	Mature	40+	A	1/2	Dense ivy to lower stem prevented full inspection	10.2
65	T	Hawthorn	3	-	-	125	-	-	1.5	Semi-Mature	10+	C	1	-	1.5
66	T	Oak	8	-	-	350	-	-	4	Semi-Mature	20+	C	1	-	4.2
67	T	Hawthorn	3	-	-	125	-	-	1.5	Semi-Mature	10+	C	1	-	1.5
68	T	Hawthorn	3	-	-	125	-	-	1.5	Semi-Mature	10+	C	1	-	1.5
69	T	Oak	14	-	-	650	-	-	7	Over Mature	<10	U	-	Dying tree; Dense ivy to stem and crown	7.8
70	T	Hawthorn	4	-	-	300	-	-	2	Mature	10+	C	1	-	3.6

TREE NO	TYPE	SPECIES	HEIGHT	HEIGHT (MINIMUM)	HEIGHT (MAXIMUM)	DIAMETER (mm)	DIAMETER (MINIMUM) (mm)	DIAMETER (MAXIMUM) (mm)	CROWN SPREAD (m)	AGE CLASS	ESTIMATED REMAINING	CATEGORY	SUB-CATEGORY	NOTES	RPA RADIUS (m)
71	T	Oak	16	-	-	740	-	-	8	Mature	40+	B	1	-	8.9
72	T	Oak	16	-	-	1000	-	-	10	Mature	40+	A	1	-	12.0
73	T	Oak	16	-	-	900	-	-	9	Mature	20+	B	1	Meripillus to stem base; Damage to buttress roots	10.8
74	T	Oak	16	-	-	1020	-	-	10	Mature	40+	A	1	-	12.2
75	T	Beech	8	-	-	275	-	-	4	Semi-Mature	20+	C	1	-	3.3
76	T	Oak	14	-	-	850	-	-	8	Mature	40+	A	1	-	10.2
77	T	Oak	18	-	-	800	-	-	8	Mature	40+	A	1/2L	-	9.6
78	T	Ash	16	-	-	950	-	-	6	Over Mature	10+	A	3	Numerous veteran features including extensive stem decay; major deadwood and loose/cracked bark	14.3

TREE NO	TYPE	SPECIES	HEIGHT	HEIGHT (MINIMUM)	HEIGHT (MAXIMUM)	DIAMETER (mm)	DIAMETER (MINIMUM) (mm)	DIAMETER (MAXIMUM) (mm)	CROWN SPREAD (m)	AGE CLASS	ESTIMATED REMAINING	CATEGORY	SUB-CATEGORY	NOTES	RPA RADIUS (m)
79	T	Ash	18	-	-	600	-	-	6	Over Mature	10+	C	1	Declining tree	7.2
80	T	Oak	7	-	-	250	-	-	3	Mature	20+	C	2	Poor form	3.0
81	T	Hawthorn	7	-	-	300	-	-	3	Mature	20+	C	2	-	3.6
82	T	Oak	13	-	-	830	-	-	6	Mature	20+	B	1	Minor decay to buttress roots	10.0
83	T	Oak	9	-	-	600	-	-	5	Semi-Mature	20+	C	2	Within rail corridor; Pruned trackside	7.2
84	T	Oak	12	-	-	750	-	-	8	Mature	20+	B	1	-	9.0
85	T	Oak	9	-	-	500	-	-	5	Semi-Mature	20+	C	2	-	6.0
86	T	Oak	9	-	-	275	-	-	4	Semi-Mature	20+	C	2	-	3.3
87	T	Oak	19	-	-	1100	-	-	10	Mature	40+	A	1/2	Locally notable tree	13.2
88	T	Oak	10	-	-	850	-	-	5	Over Mature	10+	C	1	Declining tree	10.2

TREE NO	TYPE	SPECIES	HEIGHT	HEIGHT (MINIMUM)	HEIGHT (MAXIMUM)	DIAMETER (mm)	DIAMETER (MINIMUM) (mm)	DIAMETER (MAXIMUM) (mm)	CROWN SPREAD (m)	AGE CLASS	ESTIMATED REMAINING	CATEGORY	SUB-CATEGORY	NOTES	RPA RADIUS (m)
89	T	Ash	20	-	-	800	-	-	6	Mature	40+	A	1	Locally notable tree	9.6
90	T	Oak	17	-	-	1200	-	-	9	Mature	40+	A	1/2	Locally notable tree	14.4
91	T	Oak	16	-	-	650	-	-	6	Mature	40+	B	1/2	-	7.8
92	T	Ash	12	-	-	920	-	-	8	Mature	20+	B	1	-	11.0
93	T	Oak	18	-	-	1000	-	-	9	Mature	40+	A	1	Dense ivy to inner crown	12.0
94	T	Ash	17	-	-	650	-	-	8	Mature	20+	B	1	-	7.8
95	T	Oak	18	-	-	850	-	-	9	Mature	40+	A	1	Evidence of historic storm damage	10.2
96	T	Norway Maple	5	-	-	300	-	-	4	Semi-Mature	10+	C	2	-	3.6
97	T	Weeping Willow	19	-	-	1500	-	-	8	Mature	20+	B	2	-	15.0
98	T	Oak	11	-	-	500	-	-	5	Mature	20+	B	2	-	6.0
99	T	Oak	9	-	-	300	-	-	5	Semi-Mature	20+	C	2	-	3.6

TREE NO	TYPE	SPECIES	HEIGHT	HEIGHT (MINIMUM)	HEIGHT (MAXIMUM)	DIAMETER (mm)	DIAMETER (MINIMUM) (mm)	DIAMETER (MAXIMUM) (mm)	CROWN SPREAD (m)	AGE CLASS	ESTIMATED REMAINING	CATEGORY	SUB-CATEGORY	NOTES	RPA RADIUS (m)
100	T	Oak; Ash	18	-	-	800	-	-	11	Mature	20+	B	2	Ash - dieback in upper crown	9.6
101	T	Oak	18	-	-	1200	-	-	12	Mature	20+	B	1	Thinning crown	14.4
102	T	Oak	11	-	-	700	-	-	5	Mature	40+	B	1	-	8.4
103	T	Oak	18	-	-	950	-	-	8	Mature	40+	A	1	-	11.4
104	T	Oak	6	-	-	800	-	-	4	Over Mature	<10	U	-	Fallen tree	9.6
105	T	Oak	8	-	-	350	-	-	5	Semi-Mature	20+	C	1	Suppressed tree	4.2
106	T	Oak	10	-	-	600	-	-	3	Over Mature	<10	U	-	Dying tree	7.2
107	T	Oak	18	-	-	1100	-	-	10	Mature	40+	A	1	-	13.2
108	T	Oak	16	-	-	850	-	-	5	Over Mature	<10	U	-	Declining tree; Bleeding canker to stem	10.2
109	T	Ash	15	-	-	650	-	-	7	Mature	20+	B	1/2	-	7.8

TREE NO	TYPE	SPECIES	HEIGHT	HEIGHT (MINIMUM)	HEIGHT (MAXIMUM)	DIAMETER (mm)	DIAMETER (MINIMUM) (mm)	DIAMETER (MAXIMUM) (mm)	CROWN SPREAD (m)	AGE CLASS	ESTIMATED REMAINING	CATEGORY	SUB-CATEGORY	NOTES	RPA RADIUS (m)
110	T	Ash	16	-	-	650	-	-	7	Mature	20+	B	1/2	-	7.8
111	T	Oak	20	-	-	1300	-	-	10	Mature	40+	A	1/2	Locally notable; No veteran features evident	15.6
112	T	Oak	18	-	-	725	-	-	6	Over Mature	10+	C	1	Major dieback in upper crown	8.7
113	T	Oak	18	-	-	650	-	-	7	Mature	40+	B	1/2	Dense ivy to stem	7.8
157	W	Alder; Ash; Hazel	-	5	12	-	150	600	5	Mature	40+	A	3	Ancient woodland; No evidence of recent management or disturbance	15.0
160	W	Oak; Willow; Mixed Native Understorey	-	6	16	-	75	700	5	Mature	40+	B	2	No evidence of recent management; Seasonally waterlogged; Fair amount of natural regeneration	8.4

TREE NO	TYPE	SPECIES	HEIGHT	HEIGHT (MINIMUM)	HEIGHT (MAXIMUM)	DIAMETER (mm)	DIAMETER (MINIMUM) (mm)	DIAMETER (MAXIMUM) (mm)	CROWN SPREAD (m)	AGE CLASS	ESTIMATED REMAINING	CATEGORY	SUB-CATEGORY	NOTES	RPA RADIUS (m)
161	W	Alder; Ash; Hazel; Willow	-	6	12	-	75	500	5	Mature	40+	B	1/2	Retains some of the composition of adjacent ancient woodland; No evidence of management; Species suited to wet soil conditions	6.0

Table D-3 – DPA Tree Data

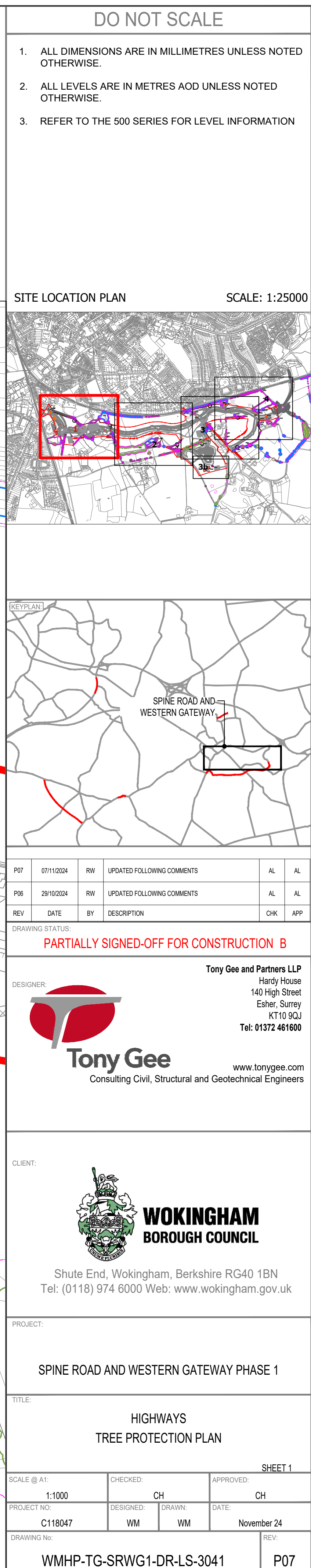
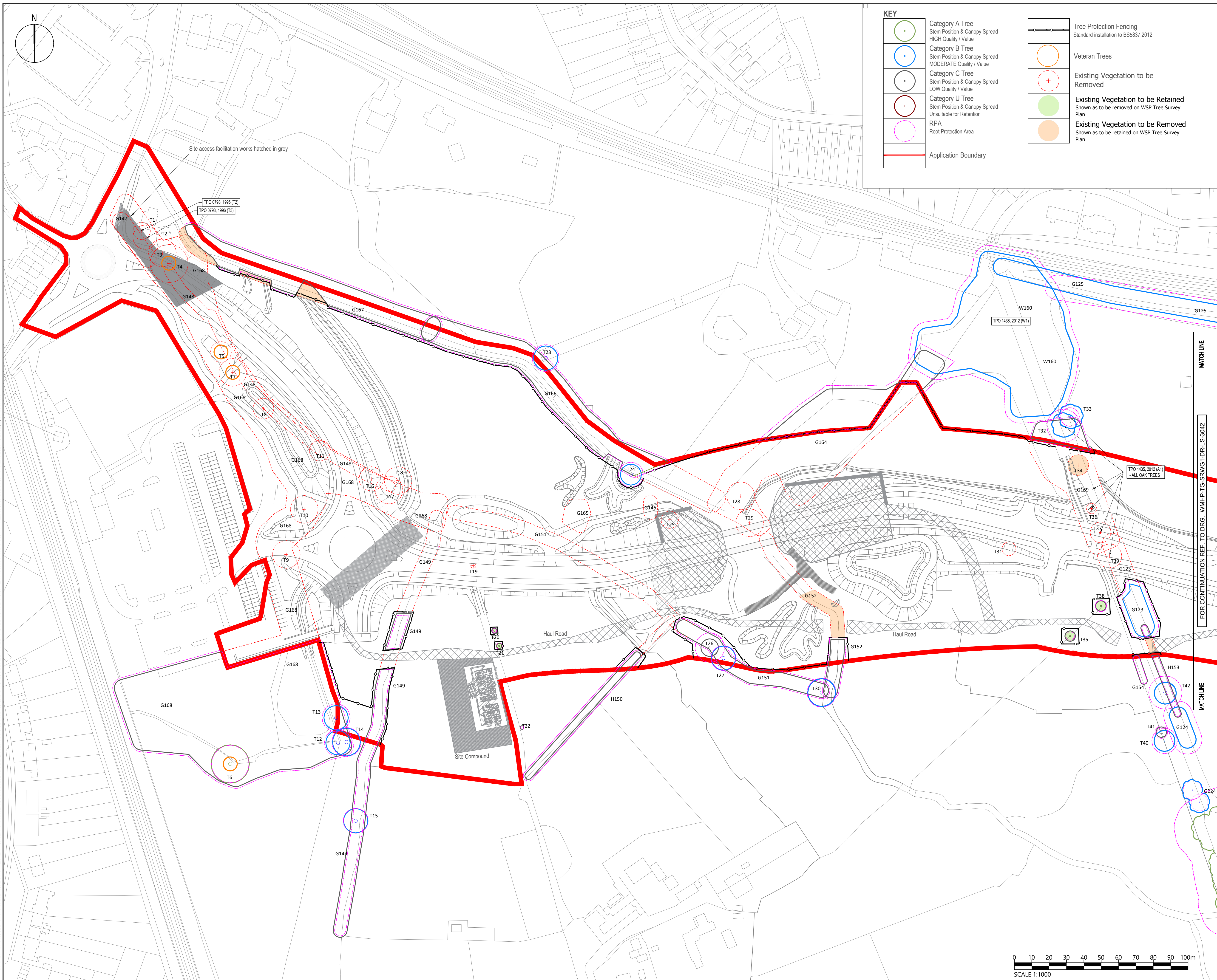
TREE NO	TYPE	SPECIES	HEIGHT	HEIGHT (MINIMUM)	HEIGHT (MAXIMUM)	DIAMETER (mm)	DIAMETER (MINIMUM) (mm)	DIAMETER (MAXIMUM) (mm)	CROWN SPREAD (m)	AGE CLASS	ESTIMATED REMAINING	CATEGORY	SUB-CATEGORY	NOTES	RPA RADIUS (m)
220	G	Ash, Oak & Hawthorn	-	5.0	14.0	-	155	445	6.0	-	20+	C	-	Group of trees adjacent field boundary; Previously crown lifted; Minor deadwood.	5.34
221	T	Oak	22.0	-	-	1005	-	-	10.0	-	40+	B	-	Previously crown lifted; Minor deadwood.	12.06
223	G	Oak, Holly, Hazel	-	5.0	20.0	-	150	625	10.0	-	40+	B	-	Group of trees adjacent woodland area; Understorey dominated by holly; Previously crown lifted over adjacent footpath; Minor deadwood within some trees.	7.50
247	T	Oak	5.0	-	-	145	-	-	2.0	-	20+	C	-	Not significant; Not included within TPO; Previously crown lifted.	1.74

248	G	Oak & Hawthorn	-	6.0	17.0	-	155	805	6.0	-	40+	A	-	Forms avenue of trees; Notable local landscape feature; Small hawthorn within understorey (that would benefit from being pruned/managed as a hedge); Previously & regularly crown lifted; Some major deadwood over road.	10.74
249	G	Oak & Hawthorn	-	5.0	18.0	-	140	1015	6.0	-	40+	A	-	Forms avenue of trees; Notable local landscape feature; Small hawthorn within understorey (that would benefit from being pruned/managed as a hedge); Previously & regularly crown lifted; Some major deadwood over road.	12.18
250	T	Oak	18.0	-	-	1115	-	-	9.0	-	40+	A	-	Previously crown lifted.	13.38
251	G	Oak x2	-	12.0	14.0	-	290	410	4.0	-	20+	C	-	Not significant; Not included within TPO; Previously crown lifted.	4.92



Appendix 2

Tree Protection Plans



KEYPLAN

SPINE ROAD AND WESTERN GATEWAY

P07	07/11/2024	RW	UPDATED FOLLOWING COMMENTS	AL	AL
P06	28/10/2024	RW	UPDATED FOLLOWING COMMENTS	AL	AL
REV	DATE	BY	DESCRIPTION	CHK	APP

PARTIALLY SIGNED-OFF FOR CONSTRUCTION B

DESIGNER:



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SPINE ROAD AND WESTERN GATEWAY PHASE 1

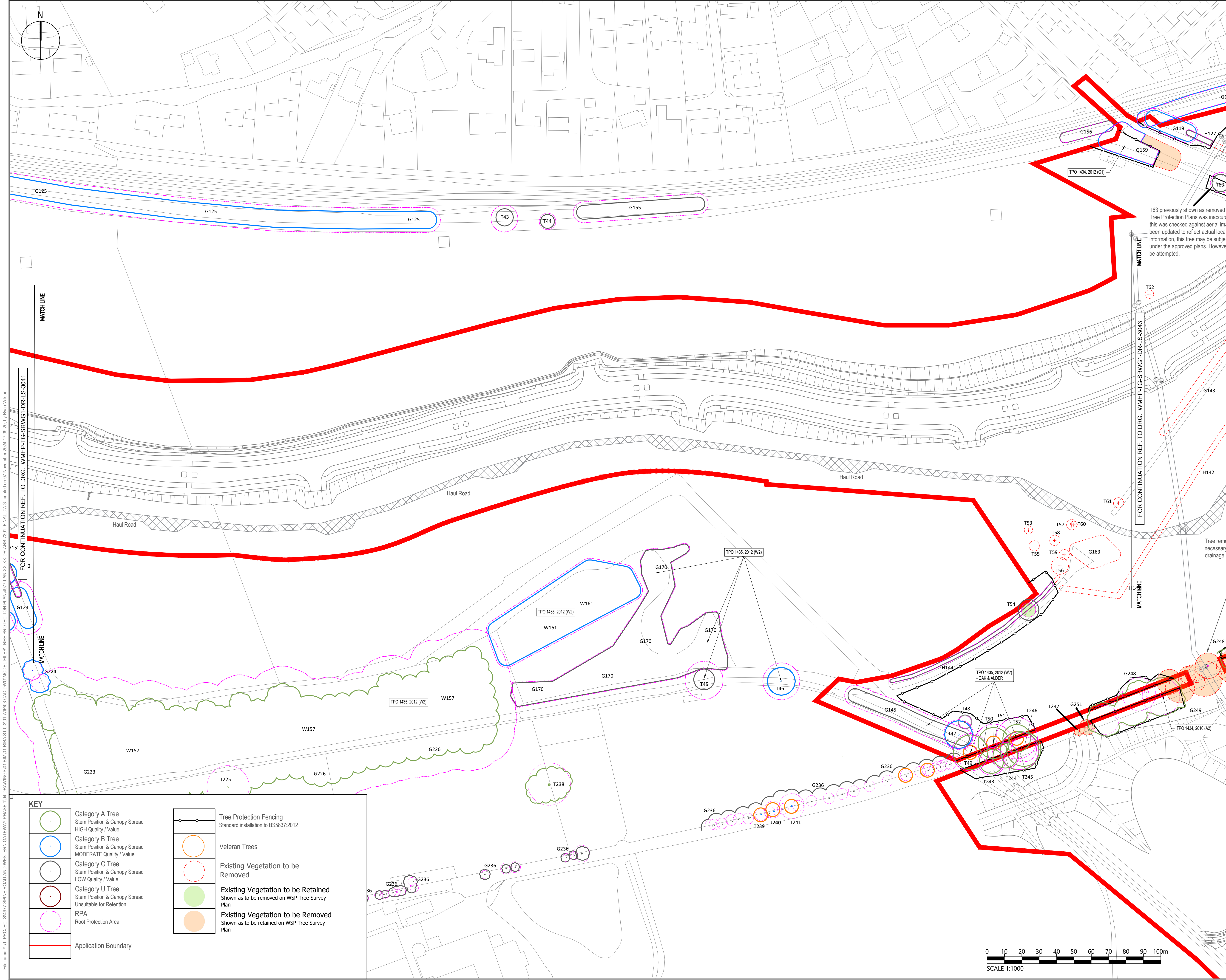
TITLE: HIGHWAYS
TREE PROTECTION PLAN

SHEET 1

SCALE @ A1: 1:1000	CHECKED: CH	APPROVED: CH
PROJECT NO: C118047	DESIGNED: WM	DRAWN: WM
		DATE: November 24

WMHP-TG-SRWG1-DR-LS-3041

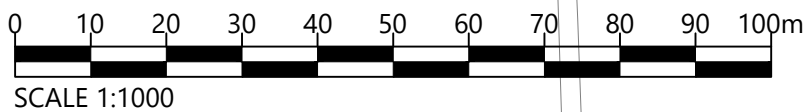
P07



File name: Y:\1. PROJECTS\877 SPINE ROAD AND WESTERN GATEWAY PHASE 1\04 DRAWINGS\01 BIM\01 RBA ST 0-301 WIP\03 CAD Dwg\MODEL FILES\TREE PROTECTION PLAN\877-LAN-XX-XX-DR-ARB-7301.FINAL.DWG, printed on 07 November 2024 17:39:20, by Ryan Wilson

- KEY**
- Category A Tree
Stem Position & Canopy Spread
HIGH Quality / Value
 - Category B Tree
Stem Position & Canopy Spread
MODERATE Quality / Value
 - Category C Tree
Stem Position & Canopy Spread
LOW Quality / Value
 - Category U Tree
Stem Position & Canopy Spread
Unsuitable for Retention
 - RPA
Root Protection Area
 - Application Boundary

- Tree Protection Fencing
Standard installation to BS5837:2012
- Veteran Trees
- Existing Vegetation to be Removed
- Existing Vegetation to be Retained
Shown as to be removed on WSP Tree Survey Plan
- Existing Vegetation to be Removed
Shown as to be retained on WSP Tree Survey Plan

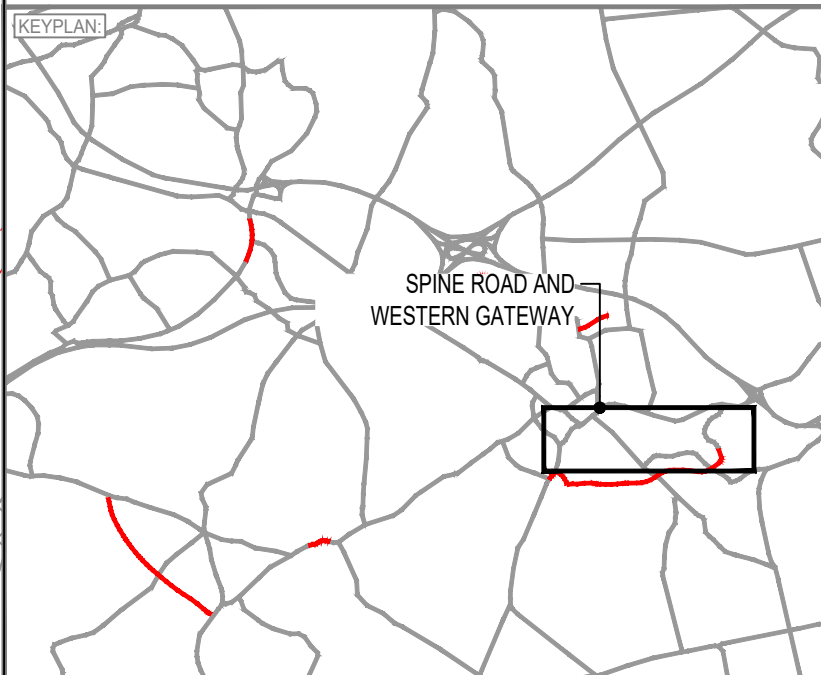


DO NOT SCALE

- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
- ALL LEVELS ARE IN METRES AOD UNLESS NOTED OTHERWISE.
- REFER TO THE 500 SERIES FOR LEVEL INFORMATION

SITE LOCATION PLAN

SCALE: 1:25000



P07	07/11/2024	RW	UPDATED FOLLOWING COMMENTS	AL	AL
P06	28/10/2024	RW	UPDATED FOLLOWING COMMENTS	AL	AL
REV	DATE	BY	DESCRIPTION	CHK	APP

DRAWING STATUS:
PARTIALLY SIGNED-OFF FOR CONSTRUCTION B

DESIGNER:
Tony Gee
Consulting Civil, Structural and Geotechnical Engineers
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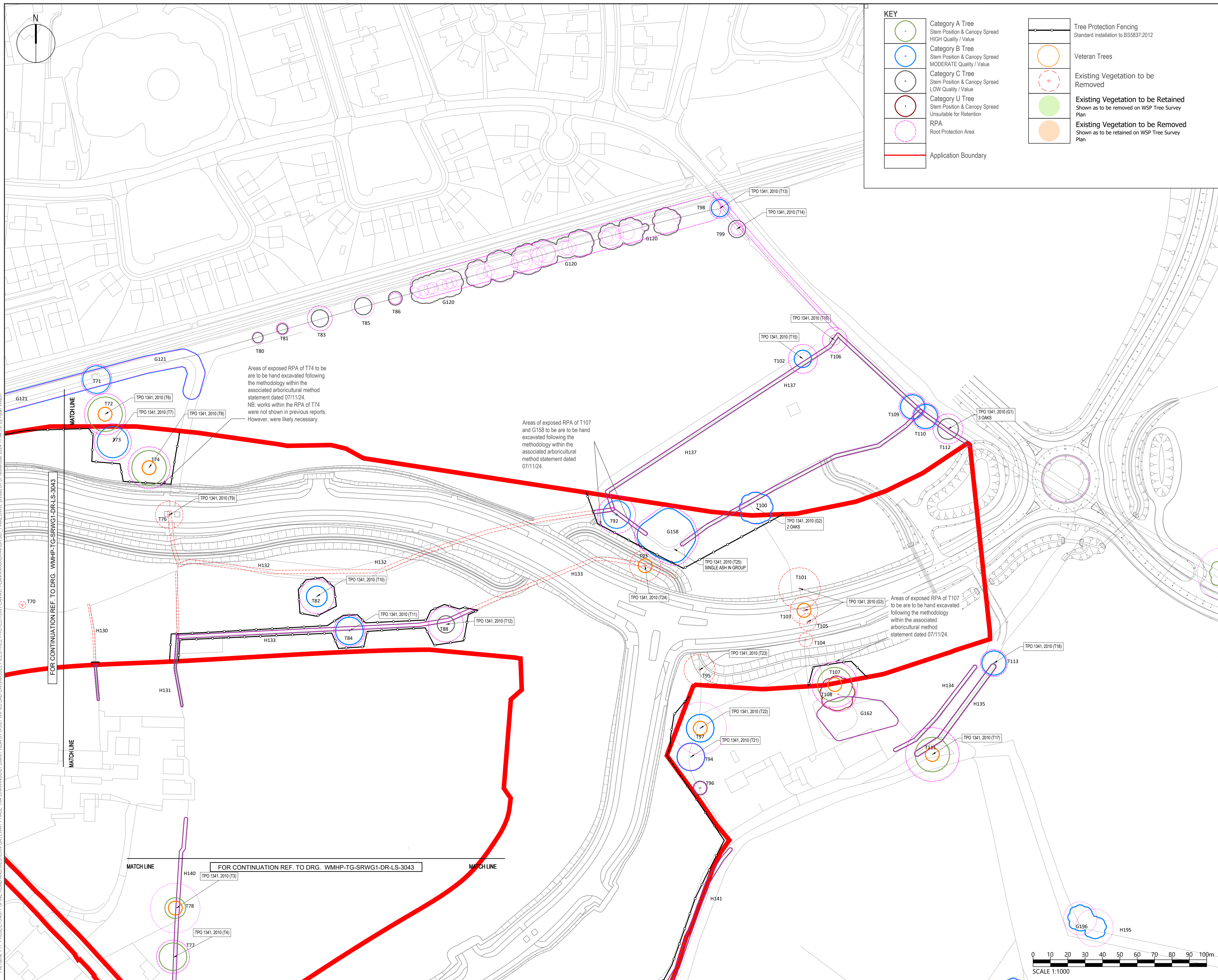
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WOKINGHAM BOROUGH COUNCIL
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Tel: (0118) 974 6000 Web: www.wokingham.gov.uk

PROJECT:
SPINE ROAD AND WESTERN GATEWAY PHASE 1

TITLE:
**HIGHWAYS
TREE PROTECTION PLAN**

SCALE @ A1: 1:1000	CHECKED: CH	APPROVED: CH
PROJECT NO: C118047	DESIGNED: WM	DATE: November 24
DRAWING No: WMHP-TG-SRWG1-DR-LS-3042	DRAWN: WM	REV: P07



KEY	
	Category A Tree Stem Position & Canopy Spread HIGH Quality / Value
	Category B Tree Stem Position & Canopy Spread MODERATE Quality / Value
	Category C Tree Stem Position & Canopy Spread LOW Quality / Value
	Category U Tree Stem Position & Canopy Spread Unsuitable for Retention
	RPA Root Protection Area
	Application Boundary
	Tree Protection Fencing Standard installation to BS5837:2012
	Veteran Trees
	Existing Vegetation to be Removed
	Existing Vegetation to be Retained Shown as to be removed on WSP Tree Survey Plan
	Existing Vegetation to be Removed Shown as to be retained on WSP Tree Survey Plan

DO NOT SCALE

SITE LOCATION PLAN SCALE: 1:25000

KEYPLAN:

P07	07/11/2024	RW	UPDATED FOLLOWING COMMENTS	AL	AL
P06	28/10/2024	RW	UPDATED FOLLOWING COMMENTS	AL	AL
REV	DATE	BY	DESCRIPTION	CHK	APP

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SPINE ROAD AND WESTERN GATEWAY PHASE 1

SCALE @ A1:	CHECKED:	APPROVED:
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WMHP-TG-SRWG1-DR-LS-3044