



Arboricultural Method Statement

Hogwood Park

Date: June 2026

Submitted to:

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Where any data supplied by the client or from other sources have been used, it has been assumed that the information is correct. No responsibility can be accepted by ADAS for inaccuracies in the data supplied by any other party. The conclusions and recommendations in this report are based on the assumption that all relevant information has been supplied by those bodies from whom it was requested.

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Where field investigations have been conducted, these have been restricted to a level of detail required to achieve the stated objectives of the work.

This work has been undertaken in accordance with the quality management system of ADAS.

Revision History

Revision	Date	Amendment
-	June 2026	Initial Report



1 Executive Summary

ADAS was instructed by Countryside Partnerships to undertake a survey and Arboricultural Method Statement report for two proposed hoggin footpath connections at their Hogwood Park site in Finchampstead, Wokingham RG40 4PT. The footpaths are to extend from the site development to the existing footpath along the southern site boundary.

Countryside Partnerships have commissioned ADAS to provide arboricultural advice in relation to the proposed development in line with the requirements of 'British Standard 5837:2012 Trees in relation to design, demolition and construction - Recommendations' (BS5837:2012). This report has been prepared to comply with the requirements set out in Table B.1 of Annex B of BS5837:2012.

As part of the supporting documents of the planning application, ADAS prepared an Arboricultural Planning Statement report, ADAS_1050958_Barton Wilmore_Hogwood Park_APS_September 2020, which addressed the impacts the proposals would have on the site's arboricultural features.

An additional arboricultural survey and validation survey of the site in May 2026 was undertaken to inform the updated proposal for the link hoggin paths. The tree surveys have recorded the presence of 28 features that may be affected by the hoggin paths, consisting of 26 individual trees, and one group and one woodland within influencing distance of the proposed works.

In accordance with section 4.5 and Table 1 of BS5837:2012 the existing trees on the site were categorised according to their quality and value as either category U, A, B, or C.

Of these tree features, three were identified as high-quality (Category A) grade specimens, 10 were identified as moderate-quality (Category B) grade specimens, and nine were identified as low-quality (Category C) grade specimens. Six features were identified as unsuitable for retention (Category U) and are not expected to be retained as living trees in the context of the current land use for longer than 10 years.

An online search of Wokingham Borough Council in June 2026 revealed that a) a woodland Tree Preservation Order covers the proposed works area (1458/2012 Tree Reference: W1), and b) the site does not sit within a conservation area.

In order to ensure the successful integration of the retained trees within the proposed development, ADAS has proposed an alternative alignment for the western footpath. In addition, the tree protection measures set out within this Arboricultural Method Statement will be implemented during the construction of all proposed footpaths to minimise impacts on retained trees and maintain their long-term health and structural integrity.

ADAS believes that adopting the approach specified within this report will ensure that the proposed works will not have a significant impact on the health and stability of the trees which are to be retained within the site.

2 Introduction

2.1 The Author

This document has been prepared by Molly Hardwick, an ADAS Assistant Arboricultural Consultant. Molly holds a BSc Degree in Zoology and has over nine months experience working in the arboricultural industry.

2.2 Client Instruction

ADAS was instructed by Countryside Partnerships to undertake an Arboricultural Method Statement (AMS) report for two hoggan footpath connections to the south of the site as shown in the site mark up in **Appendix 1**.

2.3 Purpose of Report

The purpose of this document is to address safe working in proximity to retained trees by providing reference and clarification on aspects of tree protection and any necessary tree management works for the proposed development. It is proposed to achieve this by setting out a methodology for all proposed works that may affect trees which are to be retained on and adjacent to the site. The document has been prepared to address the specific working practices in close proximity to the trees within this defined site, that forms a small section of the wider site.

This document is also intended as a reference point for all site operatives, and a copy will remain with the site manager for the duration of the development.

This document may be used as a point of reference if there were to be a dispute over compliance with related planning conditions.

2.4 Assumptions and Limitations

This assessment is based upon the information provided by the client in addition to information collected by ADAS during a survey of the site undertaken on 16th April 2024 and a validation survey undertaken on the 21st May 2026. The documents and drawings considered are detailed within **Table 1**.

Table 1: Documentation Considered

Author	Document Title	Drawing / Document Number	Date
ADAS	Arboricultural Planning Statement	1050958	September 2020
FINC	Proposed Site Layout	21.1542.100	May 2021
Visitry	Hoggin Layout DWG	6598	Received June 2026

The Tree Constraints Plan (TCP) contained in **Appendix 2** has been developed from the tree survey information and the proposed site layout '21.1542.100'.

The Tree Protection Plan (TPP) contained in **Appendix 3** has been developed from the TCP and the Hoggin Layout DWG drawing '6598-Hoggin Layout DWG'.

These drawings combined have been used to assess the potential impact to each tree feature.

This report is not a full hazard or risk assessment of trees and should not be used as such.

Trees are living organisms and are constantly adapting to their ever-changing environment. No tree is completely safe and there is no guarantee that problems or deficiencies may not arise in the future, which have not been identified in this report. Therefore, this report is only valid for a period of one year from the date of the initial site inspection.

The topographical mapping provided is five years old and is not inclusive of all tree features on site. Therefore, a proportion of the survey features are indicative only. Should greater accuracy be required, a recent up-to-date topographical survey should be provided.

2.5 Site Description

The site is part of a consented development known as Hogwood Park in Finchampstead, Wokingham RG40 4PT. Residential properties have been constructed at the site with gardens and access roads. The development is in the final stages of construction.

2.6 Description of Development

This report is to inform a small section of the development to the south-west of the site where the development is to be linked via two footpaths to an existing footpath to the south-west of the site. The location of two hoggin footpaths has been included in the plans to provide this link. The Hoggin footpaths will be constructed using an above ground no-dig methodology, excluding the 50 x 50 x 450mm wooden stakes that will be installed at every 0.9m.

2.7 Tree Survey Methodology

An updated tree survey of a small section to the south of the wider site was undertaken on 21st May 2026. This report relates to two small areas of the site where hoggin footpaths are to be constructed to connect to an existing footpath to the south of the site.

The tree survey was conducted in accordance with the recommendations contained within 'British Standard 5837:2012 Trees in relation to design, demolition and construction: Recommendations' (BS5837:2012).

All trees have been visually inspected from ground level unless otherwise stated, with no climbing or boring tests being undertaken. The comments made on their condition are based on observable factors present at the time of inspection.

The information, shown in **Table 2** below, was recorded as part of the tree survey.

Table 2: Tree Survey Schedule heading descriptions

Column Heading	Description
Tree Ref No.	All individual trees and groups of trees have been given a unique reference number. Each number is prefixed by a letter. - T = Individual tree - G = Group of trees - H = Hedgerow - W = Woodland
Species	The English common name has been used.
Single or Multiple stem (S or M)	'S' represents a tree which has a single clear stem to at least 1.5m above ground level. 'M(a)' represents a tree where the main stem divides into two to five stems below 1.5m above ground level, and 'M(b)' represents a tree where the main stem divides into 6 or more stems below a height of 1.5m.
Height (m)	Where possible tree heights are measured using a laser. In some instances, such as in close groups of trees, one height may be measured, and other nearby trees estimated from this height. Measurements are provided in metres.
Stem Diameter (mm)	S _n represents the stem number. Measurements are provided in millimetres at 1.5m above ground level for single stemmed trees.
Ancient (A), Veteran (V) or Notable (N)	Result of the RAVEN 2 assessment © Julian Forbes-Laird 2018 www.flac.uk.com; (RAVEN = Recognition of Ancient, Veteran & Notable Trees)
Branch Spread (m)	Measured in metres to the four cardinal compass points (N, E, S, W).

Column Heading	Description
Crown Clearance	(1) Height in metres of the first significant branch, and the direction of growth. (2) Height in metres of lowest part of crown.
Life Stage	The stage at which the tree is within its lifecycle (Y = young, SM = semi mature, EM = early mature, M = mature, OM = over mature)
General Observations	Any relevant observations are recorded, with particular reference to structural and/or physiological condition.
Preliminary Management Recommendations	Recommendations are made where management work is required for reasons of health and safety or sound arboricultural management.
Estimated Remaining Contribution (years)	An estimation of how long the feature will contribute to its surroundings. This is recorded in bands of either <10 years, 10+ years, 20+ years and 40+ years.
Tree Quality Grading	The trees are graded to the categories prescribed within BS5837:2012 (U, A, B & C). Details of this grading system can be found in Appendix 4 .
Root Protection Area	Calculated as prescribed in section 4.6 of BS5837:2012, provided as an area (m ²) and a radius from the tree's stem (m).
Note: Those measurements shown in <i>italics</i> have been estimated, usually where access has restricted it being taken.	

2.8 Legislation

2.8.1 Tree Preservation Orders and Conservation Areas

Local Planning Authorities (LPAs) have the power to preserve selected trees and woodlands through the making of Tree Preservation Orders (TPOs). Similarly, special provision is provided to trees located within Conservation Area (CAs) which are not the subject of a TPO. The LPAs powers to do this are provided by the following Act of Parliament and its associated regulations:

- Town and Country Planning Act 1990
- Town and Country Planning (Determination of Appeals by Appointed Persons) (Prescribed Classes) (Amendment) (England) Regulations 2008
- Town and Country Planning (Tree Preservation) (England) Regulations 2012

The principal effect of a TPO is to prohibit the cutting down, uprooting, topping, lopping, wilful damage or wilful destruction of trees without first obtaining the consent of the relevant LPA.

Where works to trees within a CA are proposed, six weeks notification must first be given to the relevant LPA.

Unauthorised works to trees either protected by a TPO or those that are located within a CA, could result in an unlimited fine for each tree.

A search of Wokingham Borough Council's online mapping resource showed that trees which could be impacted as part of these works are protected by TPO Ref 1458-2012-W1. The TPO search from Wokingham Borough Council's online mapping resource is shown in **Appendix 5**. No trees are situated within a CA.

3 Arboricultural Impact Assessment

3.1 Overview

This report covers arboricultural features 104 and 110–136 (inclusive). ADAS has proposed an alternative location for the western hoggin footpath to provide the route of least arboricultural impact, passing through areas occupied by Category U trees already identified for removal and, where necessary, low-quality Category C trees. The following assessment is therefore based on the alternative alignment rather than the original proposed route.

The impact the proposed development is likely to have on these trees has been assessed under the following categories, and the findings are summarised in **Table 3** below. Further information on the trees is located in the tree survey schedule in **Appendix 6**.

Considerations:

- *Trees proposed for removal. This includes trees:*
 - *that are located within the areas of footpath construction.*
 - *whose Root Protection Areas (RPAs) are affected by access for work proposals.*
 - *which are to be removed for reasons of sound arboricultural management.*
- *Retained trees that are at risk of damage through disturbance of RPAs or crowns.*
- *Trees which are unaffected by the access and pumping station construction.*

Table 3: Arboricultural Impact Assessment of proposed paths if amended as within the TPP

Impact	Reason	Tree Quality Assessment Category Grading*				Totals
		A	B	C	U	
Features proposed for removal *: Partial Removal	▪ Condition (Category U) ▪ Footpath construction	None	None	T111, T113, G122*	T112, T114, T116, T119, T121, T133	9
Features that are at risk of damage through disturbance of RPAs and/or crown damage.	Development zones encroach into RPA or impacts the crowns of the trees.	T110, T131	T120, T130, T132, T134, T135	T118, T125, T126, T136	None	11
Retained features that are unaffected by the development.	All works outside of RPAs and crowns.	W104	T115, T117, T123, T128, T129	T124, T127	None	8

Impact	Reason	Tree Quality Assessment Category Grading*				Totals
		A	B	C	U	
Totals		3	10	9	6	28

3.2 Tree Removal

The proposals, if the western path is amended as within the TPP (**Appendix 3**), will require the removal (or partial removal) of three low-quality Category C features including two Hawthorns (*Crataegus monogyna*) and part of one group of Elm (including dead Elms from Dutch elm disease), Blackthorn and Hawthorn, as well as two Category U Hawthorns, which are deemed unsuitable for retention. In addition, it is recommended that four further Category U trees are removed for reasons of sound arboricultural management. Three of these are Ash trees (*Fraxinus excelsior*) that are significantly infected with ash dieback and as a result are in very poor condition, and the other one is a very poor-quality Field Maple (*Acer campestre*).

The removal of the Hawthorns T111 and T113 is not anticipated to have a detrimental effect on the visual amenity of the area as they are low-quality due to their young life stage. The removal of the six category U trees, T112, T114, T116, T119, T121 and T133 is also not anticipated to be detrimental to the visual amenity of the area due to their physiological health and associated crown dieback. The partial removal of G122 is also not anticipated to have a detrimental impact on the surrounding environment or visual amenity of the area given its low-quality (inclusive of dead tree specimens) and the presence of Dutch Elm disease.

3.3 Tree Pruning

Feature T131 is expected to require the minor pruning of an overhanging branch over the east proposed footpath. Due to the recorded crown heights of the retained trees, it is not anticipated that any other pruning will be necessary as the proposed works will not impact the crowns of the retained trees.

If the work programme were to be delayed, then it may be necessary to reassess this against the extent of tree growth.

3.4 Works within RPA's

Works are proposed within the RPAs of T110, T118, T120, G122 and T131. The works within the RPA of these trees are not anticipated to have a significant negative impact on the health of the trees as the works, including the installation of the wooden stakes, will be undertaken with arboricultural supervision

and following a methodology that will limit adverse impacts to the rooting are of these trees. The works are affecting a small proportion of the RPAs of the trees, with the remainder of the RPA being protected for the duration of the construction.

4 Method Statement

4.1 Overview

The contractors working for / on behalf Countryside Partnerships will be following the precautions set out below which will be covered in an arboricultural toolbox talk prior to starting works.

4.2 Facilitation Tree Work

4.2.1 Tree removal

The removal of T111, T112, T113, T114, T116, T119, T121, part of G122, and T133 is proposed to allow for the construction of the hoggin footpaths.

4.2.2 Tree pruning

Tree pruning works will be required for the Oak, feature T131, that has an overhanging limb of approx. 40mm, 5m above one proposed footpath location. See **Appendix 7** for reference photos.

No other tree pruning is anticipated to be required to the retained trees as the canopies are recorded as having sufficient clearance for the construction and use of the footpaths.

4.2.3 Standard of tree work

All tree work operations should be conducted in accordance with BS 3998:2010 Tree work – Recommendations, current arboricultural industry guidelines and best practice; and all relevant Health & Safety standards. Tree work is a specialist task that requires operatives to be appropriately qualified, skilled, and adequately insured. Guidance on selecting an appropriate contractor can be obtained from the Arboricultural Association, who also maintains a directory of Approved Contractors. The Arboricultural Association can be contacted on 01242 522152 or via their website <http://www.trees.org.uk>.

4.3 Barriers

In line with Section 6.2.2 of BS 5837:2012, which requires that the tree protection barriers be fit for the purpose of excluding construction activity and that they provide adequate protection to the trees, it is proposed that they will consist of 2m tall, welded mesh panels supported on concrete or rubber feet due to the nature of the site and the unsuitability to use the default barrier specification. Each panel will be secured to its neighbour with a minimum of 2 anti-tamper couplers secured so that they can only be undone from inside the CEZ. The panels will be further supported by stabilizer struts which will be pinned to the ground. An example of this type of barrier is contained in **Appendix 8**.

To enable site operatives to appreciate the purpose of the protective fencing and reduce the risk of operatives attempting to move them, all-weather notices will be erected on the barriers similar to the example in **Appendix 9**. The barriers will only be adjusted or removed if prior written approval is obtained from Wokingham Borough Council.

4.4 Ground Protection

The use of temporary ground protection will not be required as outlined in Section 4.5 Item 3.

4.5 Working Methods to be Adopted

The following precautions will be taken where works are proposed adjacent to the RPA or above ground parts of trees:

1. No excavations will be carried out within 1m of the base of any tree.
2. In areas where hard surfacing is to be temporarily installed or is already present, this will be used as the default surface and will act as adequate ground protection for the passage of vehicles and pedestrians throughout the works.
3. It's envisaged that all work can be undertaken from either the hard surfacing to the southwest of the woodland, or within the footprint of the new hoggan path preventing compaction of the wider area. However, if the works deviate away from this, temporary proprietary surfacing, such as TuffTrak which is flexible and conforms to the existing surface (and will therefore not require excavation or infill to level out surfaces), will be used for all vehicle and pedestrian movements, to prevent compaction of the ground.
4. Excavations within the RPAs of the trees will be carried out and root pruning may be required. This excavation shall be undertaken under the supervision of an arboricultural consultant within the RPA of any category A or category B feature and in accordance with the methodology of this report for category C features.
5. Fuels and chemicals that need to be stored within the site shall be stored outside of the RPAs, and ideally downslope, of the retained trees in an appropriate impermeable bunded area in association with the sites COSHH policy. Spill kits must also be stored at the location. If there are any fuel spills or leaks advice must be sought from the project arboricultural consultant at the earliest opportunity.
6. No materials or equipment should be stored within the RPAs of any trees.
7. No materials, tools, fencing or signs will be leaned against the stems of any trees.
8. Nothing will be attached to any tree.

Further information on working in RPAs is located in **Appendix 10**.

4.6 Installation of the Hoggin Footpaths

ADAS recommends the installation of a high-quality, non-woven geotextile separation membrane (e.g. Terram 1000 or equivalent) beneath the proposed sub-base and hoggin surface within the Root Protection Areas (RPAs) of retained trees. The membrane should be laid directly onto the existing ground surface following installation of the timber edging and prior to the placement of the granular sub-base. It should extend slightly up the internal faces of the timber edging to minimise sub-base migration and maintain separation between the imported material and the underlying soil profile. This no-dig construction approach will help minimise disturbance to the existing soil and any roots present while providing a stable foundation for the footpath.

Hoggin Footpath installation sequence:

- The hoggin footpaths will be constructed without the need for extensive excavation.
- Minor excavation will be required to install 50 × 50 × 450 mm timber stakes at approximately 0.9m centres. Stake locations will be hand dug prior to installation to avoid severing significant roots. Should roots exceeding 25 mm in diameter be encountered, works shall cease in that location, and the project arboricultural consultant shall be consulted before proceeding. Roots less than 25mm in diameter may be cleanly pruned using sharp secateurs or a handsaw, with all pruning undertaken in accordance with good arboricultural practice.
- Wooden edging boards of 225 x 25mm will be held in place with the short wooden stakes.
- Following installation of the timber edging, a geotextile separation membrane (referenced above) will be laid directly onto the existing ground surface and turned slightly up the internal faces of the edging.
- A 100 mm layer of granular sub-base will then be placed over the geotextile membrane, followed by an 80 mm layer of hoggin. Both materials will be compacted in layers using a lightweight hand-operated vibrating plate compactor to achieve a stable finished surface. All materials will be transported to the work area by wheelbarrow rather than by mechanical plant.
- Compaction will be limited to that necessary to achieve a stable walking surface and will be undertaken using a lightweight, hand-operated vibrating plate compactor to minimise additional soil compaction within the RPAs.

5 Arboricultural Input

5.1 Sequence of Events

The following Arboricultural Sequence of Events shall be referenced during the works process:

Wokingham Borough Council Approval of Arboricultural Method Statement
▼
Pre-commencement site meeting (if necessary) / Arboricultural Toolbox Talk
▼
Tree removal
▼
Installation of tree protection fencing
▼
Construction of hoggin footpaths
▼
Works complete at this section
▼
Removal of tree protection fencing

5.2 Key Contacts during Development

A list of key contacts relevant to this site that may be required throughout the duration of the works has been included in **Appendix 11**.

5.3 Arboricultural Supervision and Monitoring

Arboricultural supervision is required for the construction of the hoggin paths within the RPAs of T110, T118, T120 and T131. It is also recommended for any proposed ground level changes within these RPAs.

The project arboricultural consultant will be kept informed of the progress of works and consulted if there is a need to deviate from the proposals as set out in this AMS.

6 Conclusion

ADAS has identified 28 tree features which have the potential to be impacted by the proposed installation of hoggins footpaths in the area known as Hogwood Park. The trees have been recorded in the Tree Survey Schedule and plotted on the Tree Protection Plan, which form part of this report.

The proposals, if amended as within the TPP, will require the removal of two low-quality Category C hawthorn and two Category U hawthorns. In addition, part of a group of low-quality elm, hawthorn, and blackthorn group will require removal. Elms in this group show signs of Dutch elm disease with several dead elms present. It is also recommended that three Category U ash trees, and one Category U field maple tree are removed for reasons of sound arboricultural management. The ash trees are significantly infected with ash dieback and as a result are in very poor condition.

The feature T131 will require the minor pruning of an overhanging branch, however, no other pruning is required due to sufficient crown clearance between the proposed paths and the crowns of the retained trees.

The hoggins footpath, if installed utilising a geotextile liner, can be constructed with minimal incursion into the RPAs of retained trees.

Arboricultural supervision will be needed when working within the RPAs of the high-quality trees, T110 and T131, the medium-quality tree T120, and the low-quality features T118 and G122 to construct the hoggins footpaths.

ADAS is satisfied that if the recommendations contained within this AMS are followed, then the proposed development works, inclusive of the alternative route for the western path recommended by ADAS, can take place with minimal harm being caused to the retained trees on this part of the site.

Appendix 1: Site Mark Up

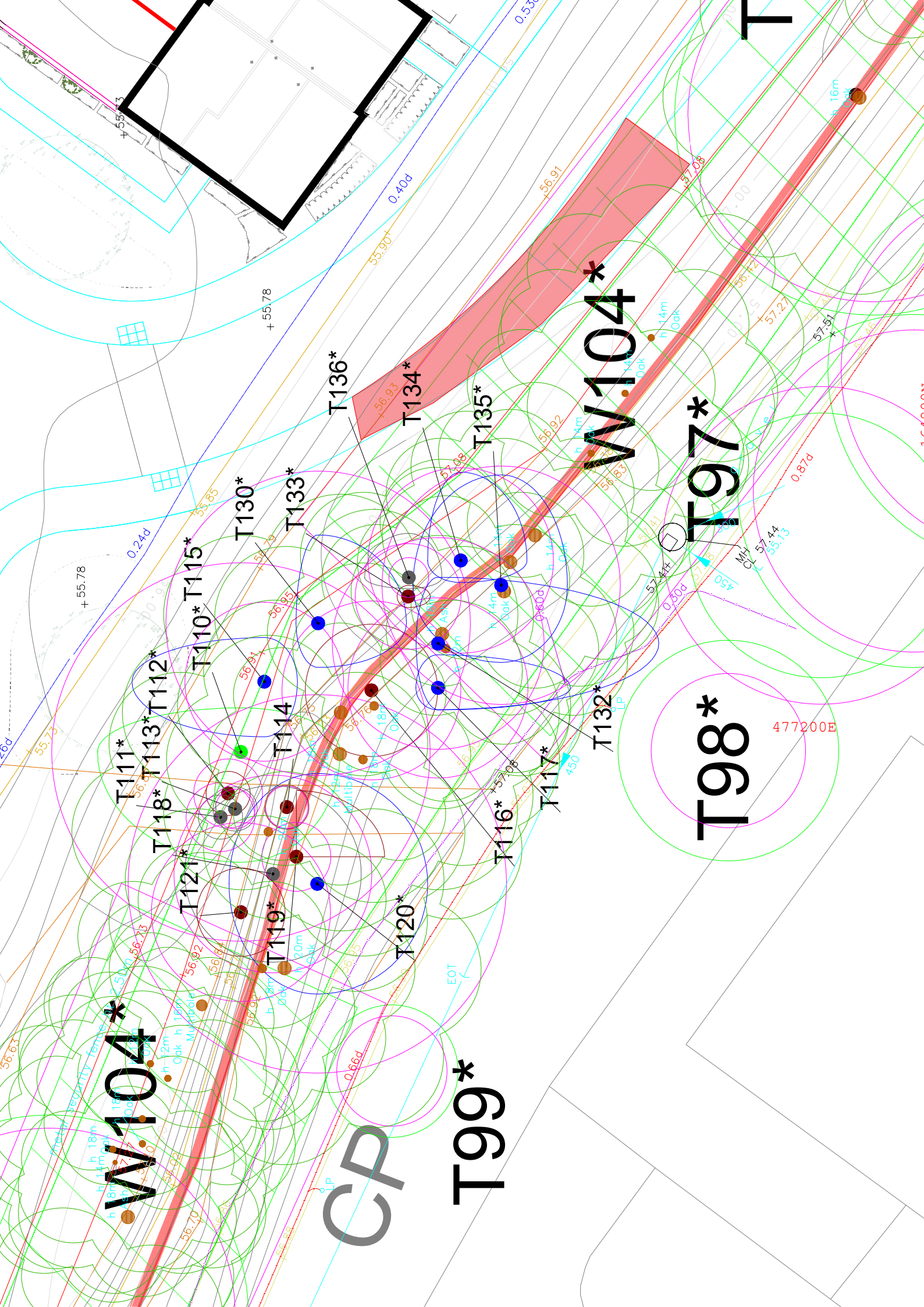
Figure 1:

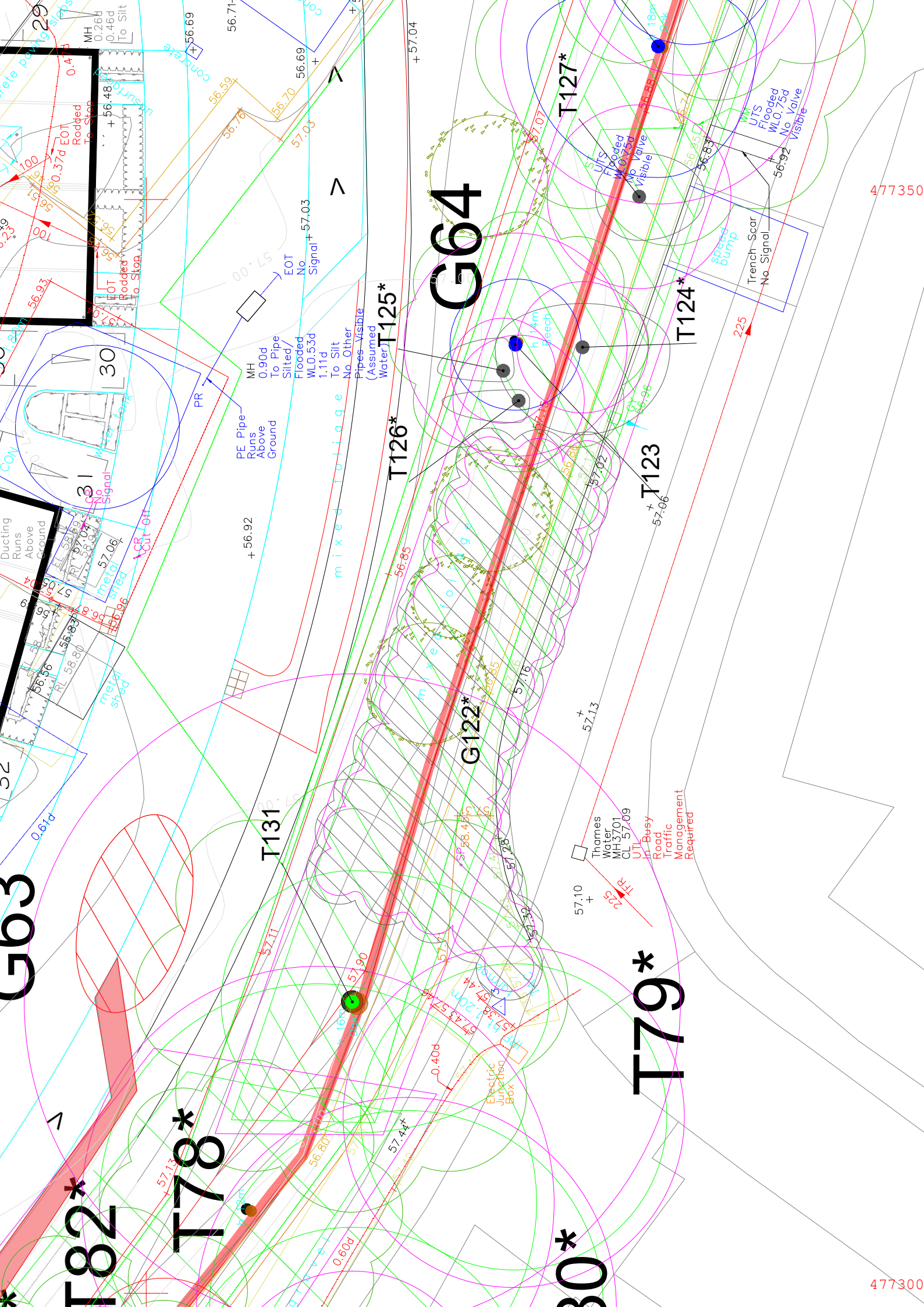


Figure 1 shows the location of the proposed links paths by the red circled areas.

Appendix 2: Tree Constraints Plan (TCP)

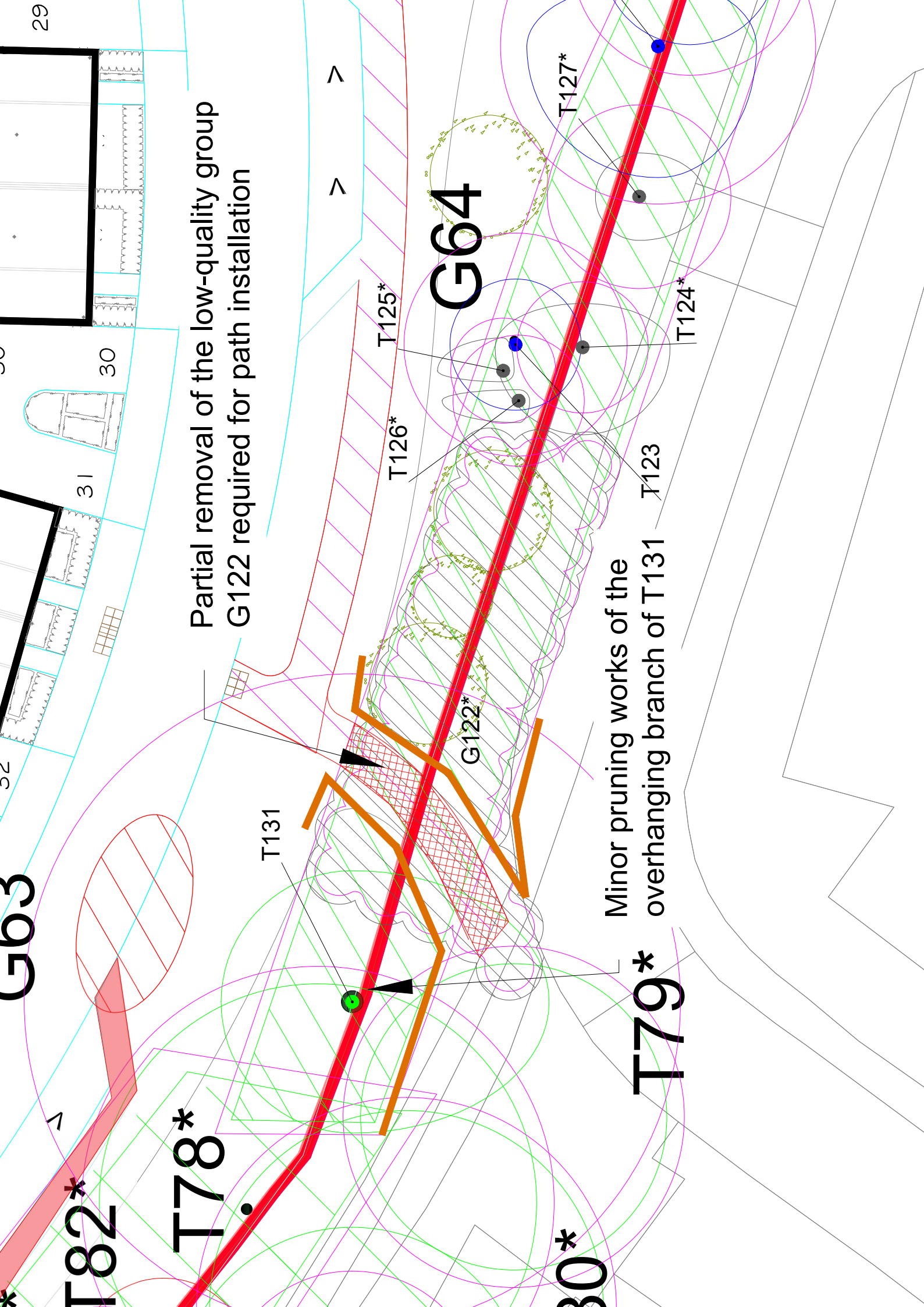
See following page





Appendix 3: Tree Protection Plan (TPP)

See following page.



G63

*T82

T82*

T78*

G64

T125*

T126*

G122*

30*

T127*

T124*

T79*

T123

Partial removal of the low-quality group
G122 required for path installation

Minor pruning works of the
overhanging branch of T131

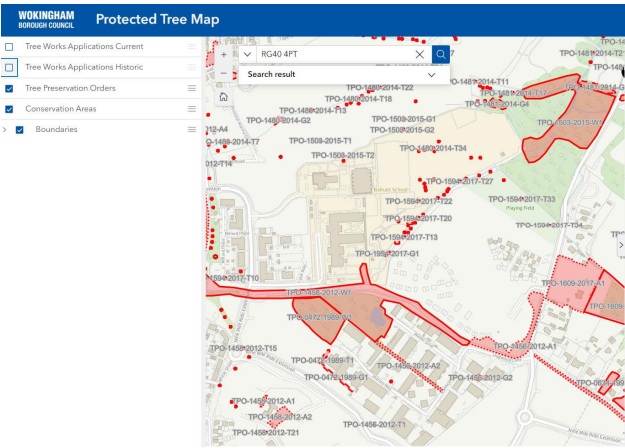
Appendix 4: Cascade Chart for Tree Quality Assessment

See following page.

Table 1 Cascade chart for tree quality assessment

Category and definition	Criteria (including subcategories where appropriate)	Identification on plan
Trees unsuitable for retention (see Note)		
Category U Those in such a condition that they cannot realistically be retained as living trees in the context of the current land use for longer than 10 years	- Trees that have a serious, irreparable, structural defect, such that their early loss is expected due to collapse, including those that will become unstable after removal or other category U trees (e.g. where, for whatever reason, the loss of companion shelter cannot be mitigated by pruning) - Trees that are dead or are showing signs of significant, immediate, and irreversible overall decline - Trees infected with pathogens of significance to the health and/or safety of other trees nearby, or very low quality trees suppressing adjacent trees of better quality <i>NOTE</i> Category U trees can have existing or potential conservation value which it might be desirable to preserve; see 4.5.7.	See Table 2
Trees to be considered for retention		
Category A Trees of high quality with an estimated remaining life expectancy of at least 40 years	1 Mainly arboricultural qualities Trees that are particularly good examples of their species, especially if rare or unusual, or those that are essential components of groups or individual trees of high arboricultural features (e.g. the dominant and/or principal trees within an avenue) 2 Mainly landscape qualities Trees, groups or woodlands of particular visual importance as arboreal and/or landscape features 3 Mainly cultural values, including conservation Trees, groups or woodlands of significant conservation, historical, commemorative or other value (e.g. veteran trees or wood-pasture)	See Table 2
Category B Trees of moderate quality with an estimated remaining life expectancy of at least 20 years	Trees that might be included in category A, but are downgraded because of impaired condition (e.g. presence of significant though remediable defects, including unsympathetic past management and storm damage), such that they are unlikely to be suitable for retention for beyond 40 years; or trees lacking the special quality necessary to merit the category A designation Trees present in numbers, usually growing as groups or woodlands, such that they attract a higher collective rating than they might as individuals; or trees occurring as collectives but situated so as to make little visual contribution to the wider locality Trees with material conservation or other cultural value	See Table 2
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 150 mm	Unremarkable trees of very limited merit or such impaired condition that they do not qualify in higher categories Trees present in groups or woodlands, but without this conferring on them significantly greater collective landscape value, and/or trees offering low or only temporary/transient landscape benefits Trees with no material conservation or other cultural value	See Table 2

Appendix 5: TPO & CA Check



Appendix 6: Tree Survey Schedule

See following page.

Class/Fielding	Description
Tree Ref No. T = Individual tree G = Group of trees S or M = Stand W = Woodland	All field data from all groups of trees have been given a unique reference number. Each number is prefixed by a letter.
Species	The English common name has been used.
Height or height class	S = represents a tree which has a single clear stem to at least 1.5m above ground level. M = represents a tree where the main stem divides into two or three stems below 1.5m above ground level. WBF = represents the height in metres taken for most stems below a height of 1.5m. Height (m)
Diameter (cm)	Measurements are taken at the base of the trunk, unless otherwise stated. In some stands, such as those grouped as 'deciduous mixed', diameter may be measured, and other analysis were estimated from this height. Measurements are provided in metres.
Stem Diameter (mm)	S = refers to the stem diameter. Measurements are provided in millimetres at 1.5m above ground level for sample standard trees.
Very young, Girth (cm)	Measurements are taken in accordance with Fig. 1 of public notes 'Ancient and other veteran trees: further guidance on management' (Ancient Tree Forum 2011).
Ancient (Y/N)	MAYN = Mayan's Nest.
Voice (Y/N)	Records of the BAVNS monitoring site (January 2016 and July 2018) were checked against provided on separate ADAS Sheet 2.
Speed (km/h)	BAVNS = Broadleaved Ancient Yew Nests (see Notes on Methods).
Burns Speed (m)	Measured in increments to the first callitriche composite points (N.E.S.W.).
Crown Clearance	(1) Height in metres of the first significant branch, and the distance to crown. (2) Height in metres of lowest part of crown.
Life Stage	The stage at which the tree is within its life cycle ('Y' = young, 'SM' = semi-mature, 'M' = mature, 'OM' = over-mature)
General Observations	Any relevant observations are recorded, with particular reference to structural evidence for physiological condition.
Management Recommendations	Recommendations are made if there management work is required for reasons of the safety and/or visual appearance of management.
Estimated Remaining Carbon Store (tonnes)	An estimation of how long the dead tree will contribute to its surroundings. This is provided in bands of either <10 years, 10-20 years, 20+ years and dry years.
This Quality Grading	The trees are graded to the categories prescribed by the BS5837:2012 (A, B & C).
Roor Protection Area	Calculated and prescribed in section 4.6 of BS5837:2012, provided at an area (πr^2) and a radius from the tree's stem (m).
Note: These measurements taken in fields have been estimated, where access is restricted.	

[illegible]

ID	Site	Species	Shape or Note	North-South												North-South Angle	East-West Angle	Altitude (m)	Category Rating	Remarks
				1	2	3	4	5	6	7	8	9	10	11	12					
170	Forest park	S	12	400													None	Large tree removed with risk. Extra-care downfall length from on south side downfall length from on north side		
171	Forest park	S	13	430													None			
172	Forest park	S	14	380													None			
173	Forest park	N	15	350													None			
174	Forest park	N	16	320													None			
175	Forest park	N	17	290													None			
176	Forest park	N	18	260													None			
177	Forest park	N	19	230													None			
178	Forest park	N	20	200													None			
179	Forest park	N	21	170													None			
180	Forest park	N	22	140													None			
181	Forest park	N	23	110													None			
182	Forest park	N	24	80													None			
183	Forest park	N	25	50													None			
184	Forest park	N	26	20													None			
185	Forest park	N	27	0													None			
186	Forest park	N	28	0													None			
187	Forest park	N	29	0													None			
188	Forest park	N	30	0													None			
189	Forest park	N	31	0													None			
190	Forest park	N	32	0													None			
191	Forest park	N	33	0													None			
192	Forest park	N	34	0													None			
193	Forest park	N	35	0													None			
194	Forest park	N	36	0													None			
195	Forest park	N	37	0													None			
196	Forest park	N	38	0													None			
197	Forest park	N	39	0													None			
198	Forest park	N	40	0													None			
199	Forest park	N	41	0													None			
200	Forest park	N	42	0													None			
201	Forest park	N	43	0													None			
202	Forest park	N	44	0													None			
203	Forest park	N	45	0													None			
204	Forest park	N	46	0													None			
205	Forest park	N	47	0													None			
206	Forest park	N	48	0													None			
207	Forest park	N	49	0													None			
208	Forest park	N	50	0													None			
209	Forest park	N	51	0													None			
210	Forest park	N	52	0													None			
211	Forest park	N	53	0													None			
212	Forest park	N	54	0													None			
213	Forest park	N	55	0													None			
214	Forest park	N	56	0													None			
215	Forest park	N	57	0													None			
216	Forest park	N	58	0													None			
217	Forest park	N	59	0													None			
218	Forest park	N	60	0													None			
219	Forest park	N	61	0													None			
220	Forest park	N	62	0													None			
221	Forest park	N	63	0													None			
222	Forest park	N	64	0													None			
223	Forest park	N	65	0													None			
224	Forest park	N	66	0													None			
225	Forest park	N	67	0													None			
226	Forest park	N	68	0													None			
227	Forest park	N	69	0													None			
228	Forest park	N	70	0													None			
229	Forest park	N	71	0													None			
230	Forest park	N	72	0													None			
231	Forest park	N	73	0													None			
232	Forest park	N	74	0													None			
233	Forest park	N	75	0													None			
234	Forest park	N	76	0													None			
235	Forest park	N	77	0													None			
236	Forest park	N	78	0													None			
237	Forest park	N	79	0													None			
238	Forest park	N	80	0													None			
239	Forest park	N	81	0													None			
240	Forest park	N	82	0													None			
241	Forest park	N	83	0													None			
242	Forest park	N	84	0													None			
243	Forest park	N	85	0													None			
244	Forest park	N	86	0													None			
245	Forest park	N	87	0													None			
246	Forest park	N	88	0													None			
247	Forest park	N	89	0													None			
248	Forest park	N	90	0													None			
249	Forest park	N	91	0													None			
250	Forest park	N	92	0													None			
251	Forest park	N	93	0													None			
252	Forest park	N	94	0													None			
253	Forest park	N	95	0													None			
254	Forest park	N	96	0													None			
255	Forest park	N	97	0													None			
256	Forest park	N	98	0													None			
257	Forest park	N	99	0													None			
258	Forest park	N	100	0													None			
259	Forest park	N	101	0													None			
260	Forest park	N	102	0													None			
261	Forest park	N	103	0													None			
262	Forest park	N	104	0													None			
263	Forest park	N	105	0													None			
264	Forest park	N	106	0													None			
265	Forest park	N	107	0													None			
266	Forest park	N	108	0													None			
267	Forest park	N	109	0													None			
268	Forest park	N	110	0													None			
269	Forest park	N	111	0													None			
270	Forest park	N	112	0													None			
271	Forest park	N	113	0													None			
272	Forest park	N	114	0													None			
273	Forest park	N	115	0													None			
274	Forest park	N	116	0													None			
275	Forest park	N	117	0													None			
276	Forest park	N	118	0													None			
277	Forest park	N	119	0													None			
278	Forest park	N	120	0													None			
279	Forest park	N	121	0													None			
280	Forest park	N	122	0													None			
281	Forest park	N	123	0													None			
282	Forest park	N	124	0													None			
283	Forest park	N	125	0													None			
284	Forest park	N	126	0													None			
285	Forest park	N	127	0													None			
286	Forest park	N	128	0													None			
287	Forest park	N	129	0													None			
288	Forest park	N	130	0													None			
289	Forest park	N	131	0													None			
290	Forest park	N	132	0													None			
291	Forest park	N	133	0													None			
292	Forest park	N	134	0													None			
293	Forest park	N	135	0													None			
294	Forest park	N	136	0													None			
295	Forest park	N	137	0													None			
296	Forest park	N	138	0													None			
297	Forest park	N	139																	

[illegible]

[illegible]

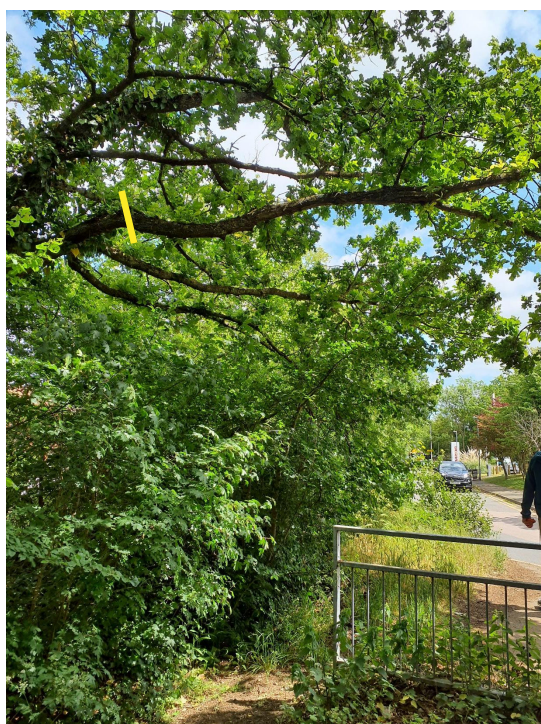
Year	Site	Species	Days of Observation (8-18 Feb)	March Total												General Observations (if not specified, all birds were seen)	Number of Associations	Relative Density (0-100)	Relative Frequency (0-100)
				N	E	S	W	SE	SW	NE	NW	SW	SE	SW	SE				
199	T10	Bergian oak	14-15	17	30	5-10										None	40+	5-1	100.0
		110	Bergian oak	15	0	0	0	0	0	0	0	0	0	0	0	None	40+	5-1	50.0
199	T09	Bergian oak	15	0	0	0	0	0	0	0	0	0	0	0	0	None	40+	5-1	100.0
		100	Bergian oak	15	0	0	0	0	0	0	0	0	0	0	0	None	20+	5-1	50.0
199	T09	Cherry dam	15	14	270											None	40+	5-1	20.0
		100	Bergian oak	15	0	0	0	0	0	0	0	0	0	0	0	None	40+	5-1	20.0
199	T09	Bergian oak	15	17	330											None	40+	5-1	20.0
		100	Bergian oak	15	0	0	0	0	0	0	0	0	0	0	0	None	40+	5-1	20.0
199	T09	Bergian oak	15	17	330											None	40+	5-1	20.0
		100	Bergian oak	15	0	0	0	0	0	0	0	0	0	0	0	None	40+	5-1	20.0
199	T09	Bergian oak	15	17	330											None	40+	5-1	20.0
		100	Bergian oak	15	0	0	0	0	0	0	0	0	0	0	0	None	40+	5-1	20.0
199	T09	Bergian oak	15	17	330											None	40+	5-1	20.0
		100	Bergian oak	15	0	0	0	0	0	0	0	0	0	0	0	None	40+	5-1	20.0
199	T09	Bergian oak	15	17	330											None	40+	5-1	20.0
		100	Bergian oak	15	0	0	0	0	0	0	0	0	0	0	0	None	40+	5-1	20.0
199	T09	Bergian oak	15	17	330											None	40+	5-1	20.0
		100	Bergian oak	15	0	0	0	0	0	0	0	0	0	0	0	None	40+	5-1	20.0
199	T09	Bergian oak	15	17	330											None	40+	5-1	20.0
		100	Bergian oak	15	0	0	0	0	0	0	0	0	0	0	0	None	40+	5-1	20.0
199	T09	Bergian oak	15	17	330											None	40+	5-1	20.0
		100	Bergian oak	15	0	0	0	0	0	0	0	0	0	0	0	None	40+	5-1	20.0
199	T09	Bergian oak	15	17	330											None	40+	5-1	20.0
		100	Bergian oak	15	0	0	0	0	0	0	0	0	0	0	0	None	40+	5-1	20.0
199	T09	Bergian oak	15	17	330											None	40+	5-1	20.0
		100	Bergian oak	15	0	0	0	0	0	0	0	0	0	0	0	None	40+	5-1	20.0
199	T09	Bergian oak	15	17	330											None	40+	5-1	20.0
		100	Bergian oak	15	0	0	0	0	0	0	0	0	0	0	0	None	40+	5-1	20.0
199	T09	Bergian oak	15	17	330											None	40+	5-1	20.0
		100	Bergian oak	15	0	0	0	0	0	0	0	0	0	0	0	None	40+	5-1	20.0
199	T09	Bergian oak	15	17	330											None	40+	5-1	20.0
		100	Bergian oak	15	0	0	0	0	0	0	0	0	0	0	0	None	40+	5-1	20.0
199	T09	Bergian oak	15	17	330											None	40+	5-1	20.0
		100	Bergian oak	15	0	0	0	0	0	0	0	0	0	0	0	None	40+	5-1	20.0
199	T09	Bergian oak	15	17	330											None	40+	5-1	20.0
		100	Bergian oak	15	0	0	0	0	0	0	0	0	0	0	0	None	40+	5-1	20.0
199	T09	Bergian oak	15	17	330											None	40+	5-1	20.0
		100	Bergian oak	15	0	0	0	0	0	0	0	0	0	0	0	None	40+	5-1	20.0
199	T09	Bergian oak	15	17	330											None	40+	5-1	20.0
		100	Bergian oak	15	0	0	0	0	0	0	0	0	0	0	0	None	40+	5-1	20.0
199	T09	Bergian oak	15	17	330											None	40+	5-1	20.0
		100	Bergian oak	15	0	0	0	0	0	0	0	0	0	0	0	None	40+	5-1	20.0
199	T09	Bergian oak	15	17	330											None	40+	5-1	20.0
		100	Bergian oak	15	0	0	0	0	0	0	0	0	0	0	0	None	40+	5-1	20.0
199	T09	Bergian oak	15	17	330											None	40+	5-1	20.0
		100	Bergian oak	15	0	0	0	0	0	0	0	0	0	0	0	None	40+	5-1	20.0
199	T09	Bergian oak	15	17	330											None	40+	5-1	20.0
		100	Bergian oak	15	0	0	0	0	0	0	0	0	0	0	0	None	40+	5-1	20.0
199	T09	Bergian oak	15	17	330											None	40+	5-1	20.0
		100	Bergian oak	15	0	0	0	0	0	0	0	0	0	0	0	None	40+	5-1	20.0
199	T09	Bergian oak	15	17	330											None	40+	5-1	20.0
		100	Bergian oak	15	0	0	0	0	0	0	0	0	0	0	0	None	40+	5-1	20.0
199	T09	Bergian oak	15	17	330											None	40+	5-1	20.0
		100	Bergian oak	15	0	0	0	0	0	0	0	0	0	0	0	None	40+	5-1	20.0
199	T09	Bergian oak	15	17	330											None	40+	5-1	20.0
		100	Bergian oak	15	0	0	0	0	0	0	0	0	0	0	0	None	40+	5-1	20.0
199	T09	Bergian oak	15	17	330											None	40+	5-1	20.0
		100	Bergian oak	15	0	0	0	0	0	0	0	0	0	0	0	None	40+	5-1	20.0
199	T09	Bergian oak	15	17	330											None	40+	5-1	20.0
		100	Bergian oak	15	0	0	0	0	0	0	0	0	0	0	0	None	40+	5-1	20.0
199	T09	Bergian oak	15	17	330											None	40+	5-1	20.0
		100	Bergian oak	15	0	0	0	0	0	0	0	0	0	0	0	None	40+	5-1	20.0
199	T09	Bergian oak	15	17	330											None	40+	5-1	20.0
		100	Bergian oak	15	0	0	0	0	0	0	0	0	0	0	0	None	40+	5-1	20.0
199	T09	Bergian oak	15	17	330											None	40+	5-1	20.0
		100	Bergian oak	15	0	0	0	0	0	0	0	0	0	0	0	None	40+	5-1	20.0
199	T09	Bergian oak	15	17	330											None	40+	5-1	20.0
		100	Bergian oak	15	0	0	0	0	0	0	0	0	0	0	0	None	40+	5-1	20.0
199	T09	Bergian oak	15	17	330											None	40+	5-1	20.0
		100	Bergian oak	15	0	0	0	0	0	0	0	0	0	0	0	None	40+	5-1	20.0
199	T09	Bergian oak	15	17	330											None	40+	5-1	20.0
		100	Bergian oak	15	0	0	0	0	0	0	0	0	0	0	0	None	40+	5-1	20.0
199	T09	Bergian oak	15	17	330											None	40+	5-1	20.0
		100	Bergian oak	15	0	0	0	0	0	0	0	0	0	0	0	None	40+	5-1	20.0
199	T09	Bergian oak	15	17	330											None	40+	5-1	20.0
		100	Bergian oak	15	0	0	0	0	0	0	0	0	0	0	0	None	40+	5-1	20.0
199	T09	Bergian oak	15	17	330											None	40+	5-1	20.0
		100	Bergian oak	15	0	0	0	0	0	0	0	0	0	0	0	None	40+	5-1	20.0
199	T09	Bergian oak	15	17	330											None	40+	5-1	20.0
		100	Bergian oak	15	0	0	0	0	0	0	0	0	0	0	0	None	40+	5-1	20.0
199	T09	Bergian oak	15	17	330											None	40+	5-1	20.0
		100	Bergian oak	15	0	0	0	0	0	0	0	0	0	0	0	None	40+	5-1	20.0
199	T09	Bergian oak	15	17	330											None	40+	5-1	20.0
		100	Bergian oak	15	0	0	0	0	0	0	0	0	0	0	0	None	40+	5-1	20.0
199	T09	Bergian oak	15	17	330											None	40+	5-1	20.0
		100	Bergian oak	15	0	0	0	0	0	0	0	0	0	0	0	None	40+	5-1	20.0
199	T09	Bergian oak	15	17	330											None	40+	5-1	20.0
		100	Bergian oak	15	0	0	0	0	0	0	0	0	0	0	0	None	40+	5-1	20.0
199	T09	Bergian oak	15	17	330											None	40+	5-1	20.0
		100	Bergian oak	15	0	0	0	0	0	0	0	0	0	0	0	None	40+	5-1	20.0
199	T09	Bergian oak	15	17	330											None	40+	5-1	20.0
		100	Bergian oak	15	0	0	0	0	0	0	0	0	0	0	0	None	40+	5-1	20.0
199	T09	Bergian oak	15	17	330											None	40+	5-1	20.0
		100	Bergian oak	15	0	0	0	0	0	0	0	0	0	0	0	None	40+	5-1	20.0
199	T09	Bergian oak	15	17	330											None	40+	5-1	20.0
		100	Bergian oak	15	0	0	0	0	0	0	0	0	0	0	0	None	40+	5-1	20.0
199	T09	Bergian oak	15	17	330											None	40+	5-1	20.0
		100	Bergian oak	15	0	0	0	0	0	0	0</								

[illegible]

[illegible]

Appendix 7: T131 Tree Pruning Reference Photos

Figure 2 shows T131 and the recommended pruning works to the 40mm by the yellow line:

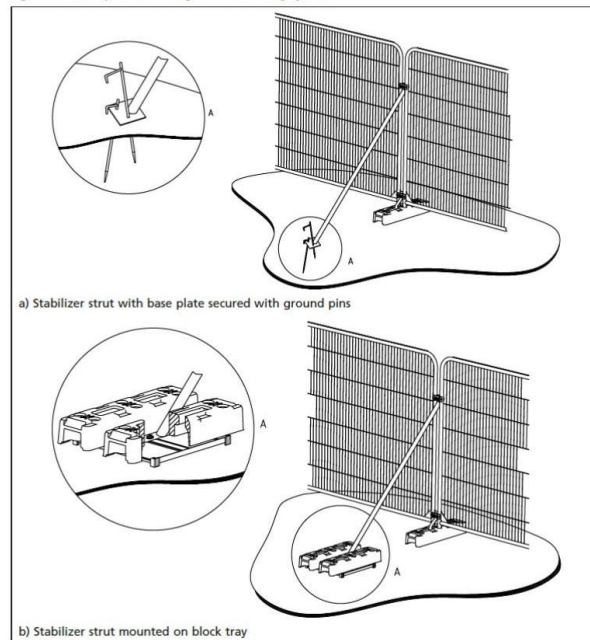


Appendix 8: Tree Protection Barrier Examples

BRITISH STANDARD

BS 5837:2012

Figure 3 Examples of above-ground stabilizing systems



Appendix 9: Tree Protection Barrier Sign Example

See following page.



**PROTECTIVE FENCING. THIS
FENCING MUST BE
MAINTAINED IN ACCORDANCE
WITH THE APPROVED PLANS
AND DRAWINGS FOR THIS
DEVELOPMENT.**



**TREE PROTECTION AREA
KEEP OUT !**

(TOWN & COUNTRY PLANNING ACT 1990)
TREES ENCLOSED BY THIS FENCE ARE PROTECTED BY
PLANNING CONDITIONS AND/OR ARE THE SUBJECTS OF A
TREE PRESERVATION ORDER.
CONTRAVENTION OF A TREE PRESERVATION ORDER MAY
LEAD TO CRIMINAL PROSECUTION

ANY INCURSION INTO THE PROTECTED AREA MUST BE
WITH THE WRITTEN PERMISSION OF THE LOCAL
PLANNING AUTHORITY

Appendix 10: RPA Guidance

The Root Protection Area (RPA) is calculated from the stem diameter of the tree, in accordance with the guidance contained in section 4.6 of BS 5837:2012.

These areas are normally sacrosanct, and should not be entered, by traffic or foot, during construction, or used to store materials, fuel, or chemicals.

Protective fencing should be erected along the edge of the RPA, before construction begins, and should not be moved until after all construction has finished and vacated the site. The type of fencing used should be fit for purpose and ordinarily conform to the recommendations given in section 6.2.2 of BS 5837:2012 and be erected like the example shown in Figure 2 of the same standard.

Where underground services cannot be routed outside the RPA, these should be installed by trenchless technology, such as a directional drill. Where this technology is used the underground channel created should be no less than 600mm below normal ground level, or the base of the tree. Also, the starting and receiving excavations should not be within the RPA. Drill channel lubricant should be avoided, other than water, unless precautions are taken to prevent contamination of soil and possibly water. Hand digging may be an alternative to trenchless excavation, but this is less desirable, and not always practical.

When determining the workable space around the RPA of a tree or trees, it is also important to maintain a working zone of one metre (which is usually sufficient) between the edge of construction and the protective fencing.

Appendix 11: Key Contacts

Key Contact	Organisation	Main Contact and Details
Technical Team Manager	Vistry	Steve Rhodes 07870 514 123 Steve.Rhodes@vistry.co.uk Vistry Thames Valley 550 Oracle Parkway Thames Valley Park Reading RG6 1PT
Site Manager	Countryside Partnerships	Luke Moody 07763 877 671 Luke.Moody@countrysidepartnerships.com Bovis Homes Hogwood Park Coronation Fields Finchampstead Wokingham RG40 4PT
Technical Manager	Countryside Partnerships	Tamsin Bennett 07706350997 Tamsin.Bennett@countrysidepartnerships.com Vistry Thames Valley 550 Oracle Parkway Thames Valley Park Reading RG6 1PT
Local Authority	Wokingham Borough Council	0118 974 6000
Landscape Officer	Wokingham Borough Council	Catherine Brimble Catherine.Brimble@wokingham.gov.uk
Case Officer	Wokingham Borough Council	Sophie Morris sophie.morris@wokingham.gov.uk
Arboricultural Consultant	ADAS	Ian Braddock 07831 144048 Ian.Braddock@adas.co.uk