

BS5837 Arboricultural Impact Assessment & Method Statement



Sonning House, Pearson Road, Sonning, Wokingham, RG4 6UL

Client: Woldon Architects

Job Reference: 03925Rv3

Planning Ref: -

Consultant: Keiron Hart (BSc Hons, C.Env, F.Arbor.A, FICFor, MEWI, AARC)

July 2026

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1. Executive Summary

- 1.1 Tamla Trees Ltd has been appointed by Woldon Architects to provide advice on the arboricultural issues relating to *“Rear extension of existing property, installation of a swimming pool, pool house and associated landscape (rear garden) works”*. The survey accorded with BS5837:2012 “Trees in relation to design, demolition and construction – Recommendations”.
- 1.2 T6 (Holly), T8 (Cypress), SG1 & SG2 (Mixed Species) will be removed to facilitate the proposal. We are advised that since our survey T2 (Yew) has been removed under a prior approval. Surfacing and landscape works encroach into the RPA of the 3rd party Yew (T3) but this tree is well protected given its location, the landscape works are broadly in a location where existing surfacing and landscaping exists. The swimming pool and pool house structure encroach into the RPA of T7 (Mulberry) and T5 (Yew – but not pool itself) the design has been manipulated to maximise this spatial arrangement and minimise the impact on these trees.
- 1.3 A system of robust herras fencing combined with temporary ground protection seeks to allow sufficient access to undertake the proposed works whilst maintaining the integrity of the underlying soil and protecting the retained trees. Tree protection measures are detailed at Appendix 6. Any new service connection will be hand dug to the existing main dwelling connection but will require careful thought prior to implementation to avoid damaging the roots of T5 (Yew) and T7 (Mulberry) which appear at the greatest risk from such work. A proposed services layout drawing is not yet available but this will be kept under review as part of the proposed site inspection process.
- 1.4 The potential tree issues can be summarised as: **Effective tree protection> Excavations for the pool & pool house> Service provision> Hard Landscaping (to the rear of main dwelling)> Soft landscaping to make good.**
- 1.5 The site is located within the Wokingham Borough Council administration area. It is located within a designated Conservation Area and the 3rd party tree (T3) is the subject of a Tree Preservation Order (TPO).
- 1.6 Subject to the working practices and tree protection measures outlined within this the impact on retained trees should be minimised. This report is based on the client plans ref: 2105_00_002_01. **NOTE:** Report redated in June 2026 at client request for planning renewal.

2. Statutory Protection

2.1 At the time of writing we are advised as follows:

Conservation Area Status	
Is the site located within a Conservation Area?	Yes
Notes: (i) All trees larger than 7.5cm diameter at 1.5m above ground level are subject to regulations within a Conservation Area. Exemptions apply for trees which are dead and dangerous but clarification before any tree works is advised. A notification is required in many circumstances.	
Tree Preservation Order Status	
Are inspected trees subject to a TPO?	Yes
Type of TPO	~~Area~~ Individual ~~Group~~ ~~Woodland~~
TPO Reference	TPO 1077
Date TPO Made	2005
Notes: (i) The type and details of any TPO determine which trees are 'protected'. Exemptions apply for trees which are dead and dangerous but clarification before any tree works is advised. An application may be required before undertaking works. (ii) At the time of writing Wokingham Borough Council website confirms the site is within a Conservation Area and T3 is the subject of a Tree Preservation Order.	



3. Terms of Reference

- 3.1 [BS5837:2012](#) 'Trees in relation to design, demolition and construction – recommendations'
- 3.2 [BS3998:2010](#) 'Tree work – recommendations'
- 3.3 Arboricultural Associations Approved Tree Work Contractors [List](#)
- 3.4 <https://www.trees.org.uk/Help-Advice/Help-for-Tree-Owners/Guide-to-Tree-Pruning>
- 3.5 [NJUG 4 – National Joint Utilities Group](#) "Guidelines for the planning, installation and maintenance of utility apparatus in proximity to trees. Volume 4, issue 2. London: NJUG 2007" To include [Operatives Hand-out Guidance](#)
- 3.6 Foundation design, tree species water use - [NHBC Chapter 4.2 Building near trees](#)
- 3.7 TDAG Trees Planning & Development – [A guide for delivery](#)
- 3.8 TDAG Trees in Hard Landscapes – [a guide for delivery](#)
- 3.9 TDAG Tree Species Selection for Green Infrastructure – [a guide for specifiers](#)
- 3.10 BGS Open-Source Soil Data <http://www.bgs.ac.uk/nercsoilportal/maps.html>
- 3.11 HSE (2014) Avoiding danger from underground services: <https://www.hse.gov.uk/pubns/books/hsg47.htm>
- 3.12 Eissenstat & Yanai (1997) The ecology of root lifespan. *Advances in Ecological Research*, 27, 1-60.
- 3.13 Hendricks & Pregitzer (1992) The demography of fine roots in a northern hardwood forest. *Ecology*, 73, 1094-1104.
- 3.14 BRE Digest 412: Desiccation in clay soils.
- 3.15 Matheny & Clark (1998) Trees and Development: A Technical Guide to Preservation of Trees During Land Development.
- 3.16 <https://www.wokingham.gov.uk/roadworks-and-outdoor-maintenance/trees-hedges-and-grass-cutting/tree-preservation-orders-tpos/>

4. The Trees

4.1 The trees can be summarised as follows:

BS 5837 Cat	A	B	C	U
Specific Trees	T3, T5, T13, T14	T2*, T7, T11	T1, T4, T6, T8, T9, T10, T12 SG1, SG2	-
Total Number	4 trees	3 trees	7 trees & 2 groups	None**

**advised as being removed since our original survey **based on available access*

4.2 There were no hedgerows that qualify for consideration under the 1997 Hedgerow Regulations.

5.0 Arboricultural Impact Assessment

5.1 Site Specific Soils

- 5.1.1 Soil is an important factor in tree growth and the type of underlying soil can impact on successful integration of new developments.
- 5.1.2 A free draining sandy soil containing sand/gravel is likely to lead to water being accessible in the upper horizons during the growing season and available at greater depths and trees will generally be forced to explore a larger volume/ depth on such soils. The structure of such soil also makes compression more difficult (by heavy construction plant) and root penetration is easier for the trees. By comparison, a clay soil is more easily compressed, particularly when wet and compression can have a greater impact on tree health.
- 5.1.3 As shown below the site is located within what is defined as Seaford Chalk to north and Lambeth group to south. ¹

Soil Description	
	Bedrock Deposits: North of site: Seaford Chalk Formation and Newhaven Chalk Formation - Chalk. Sedimentary bedrock formed between 89.8 and 72.1 million years ago during the Cretaceous period. South of site: Lambeth Group - Clay, silt and sand. Sedimentary bedrock formed between 59.2 and 47.8 million years ago during the Palaeogene period.
	Superficial Deposits: None recorded.

¹ https://geologyviewer.bgs.ac.uk/?_ga=2.31983486.1706644695.1661853279-1613461766.1661853279

Underlying Soil Material contains Clay	Yes (southern half of site)
Soil Type increased rooting depth profile?	No
Increased risk of soil compaction due to soil type	Yes

- 5.1.4 All comments regarding soils should be verified with onsite geotechnical investigations and laboratory testing with foundation depth and design undertaken by a structural engineer in accordance with the requirements of NHBC Chapter 4.2.
- 5.1.5 BS5837 indicates: 4.6.2 *“The RPA for each tree should initially be plotted as a circle centred on the base of the stem. Where pre-existing site conditions or other factors indicate that rooting has occurred asymmetrically, a polygon of equivalent area should be produced. Modifications to the shape of the RPA should reflect a soundly based arboricultural assessment of likely root distribution.”* It advises at Section 4.6.3 That any deviation in the RPA from the original circular plot should take account of a number of site-specific factors.
- 5.1.6 BS5837 recognises that the root morphology of trees may be affected by a number of factors and in certain situations the plotting of RPA’s will deviate from the circle to reflect site specific considerations. It is our experience that to consider structures such as driveways, houses and garages as areas trees cannot utilise for rooting (and to then modify RPA plotting where they exist within an identified RPA) is too simplistic and not aligned with how trees actually utilise soil.
- 5.1.7 Within around 3 to 4m of the base of mature trees there will generally be a structural root system providing both support and the main structure/ root architecture for smaller roots to originate. These larger roots have the very real capacity to be influenced by any significant structures (footings, roads to adoptable standard construction etc) where there may be a physical obstruction close to them and this can affect root morphology in such locations. In addition to this there will generally be a noticeable increase in structural rooting to the southwest of mature trees in the UK to reflect the prevailing wind direction, particularly where a tree may be isolated/ open grown increasing its wind exposure. Root growth and location will also be influenced by the presence of other trees, structures sheltering trees etc all of which can combine to affect the shape and location of a structural root system.

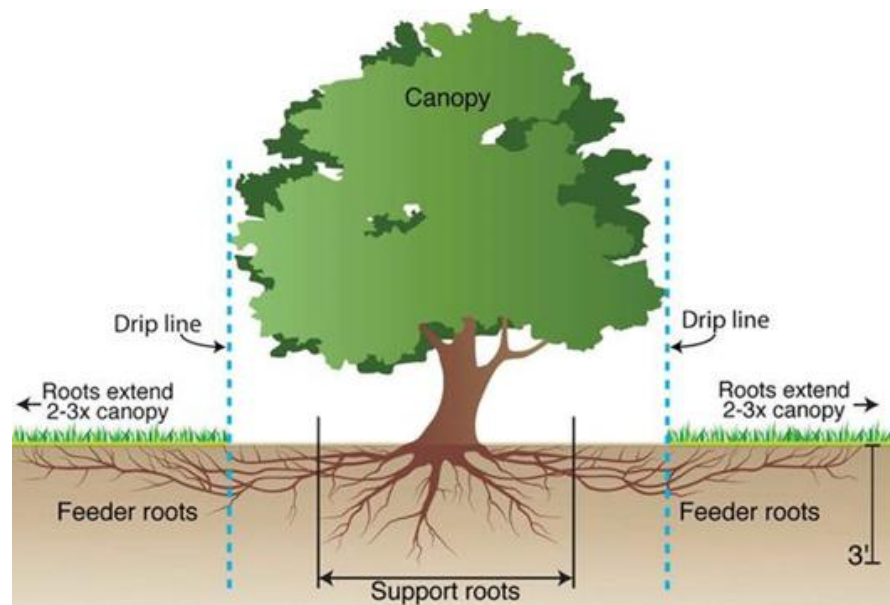


Fig 2 – Open grown trees or those with minimal obstructions close to their stems will have a network of structural roots supporting feeder/ fine root growth beyond (above left). In certain situations root morphology can be affected by structures close to the main stem (above right: Mattheck)

- 5.1.8 Beyond the structural (and generally permanent) root system will be a network of smaller roots which in turn subdivide to fine roots. Fine roots will also be found throughout the root system (i.e. both close to and distant from a tree) to maximise soil resource uptake and reflect underlying soil conditions. Some larger roots (>25mm and sometimes much larger) can extend away from this area and remain permanent particularly where there may be a constant supply of water (such as a broken downpipe on a building some distance away) which encourages a roots development. Generally the smaller roots (<10mm and particularly fibrous roots) outside of the immediate structural root plate can be considered to be in a state of constant change. They will grow seasonally and tree roots generally grow at night. Small fibrous roots are also mostly short lived (ranging from anything

between 10 days to over a year²). The cyclical death and decay of roots releases both nitrogen and carbon into the soil and is an important part of soil nutrient cycling process. The extent and location of the trees fine root system reflects a trees resource requirement (as resources are removed from certain areas of the soil and exploited in others) as well as the resource capacity required to form such a fibrous root system. Fine roots produced near the soil surface tend to live longer than those deeper in the soil³.

² Eissenstat & Yanai (1997) The ecology of root lifespan. *Advances in Ecological Research*, 27, 1-60.

³ Hendricks & Pregitzer (1992) The demography of fine roots in a northern hardwood forest. *Ecology*, 73, 1094-1104.

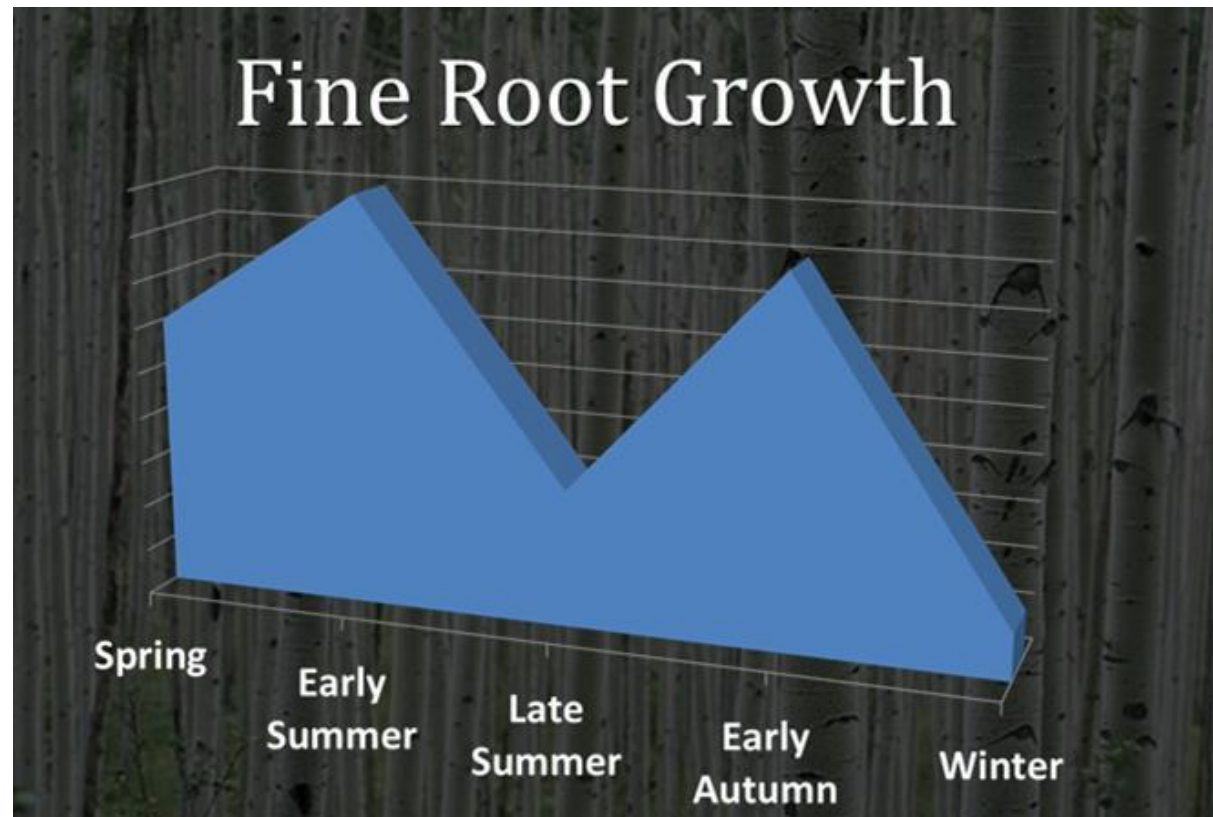


Fig 3 – Fine root growth is (generally) seasonal peaking in late spring and again in early autumn but dying back in winter dormant periods when photosynthetic production ceases. This is an important part of the soil nutrient cycle and demonstrates that a static RPA as calculated by BS5837 is a ‘simplistic’ view of the tree rooting dynamic. (Image Source: Tamla Trees)

- 5.1.9 The fine root system shows species variation and will also vary in depth (depending on species dynamics and underlying soil conditions). Adopted highways generally have a footing that extends < 0.5m and most UK residential properties have footings in the range of 0.5-1.5m depth. Trees will easily root below these depths and this is evidenced by the fact that every year in the UK there are thousands of tree related subsidence cases.

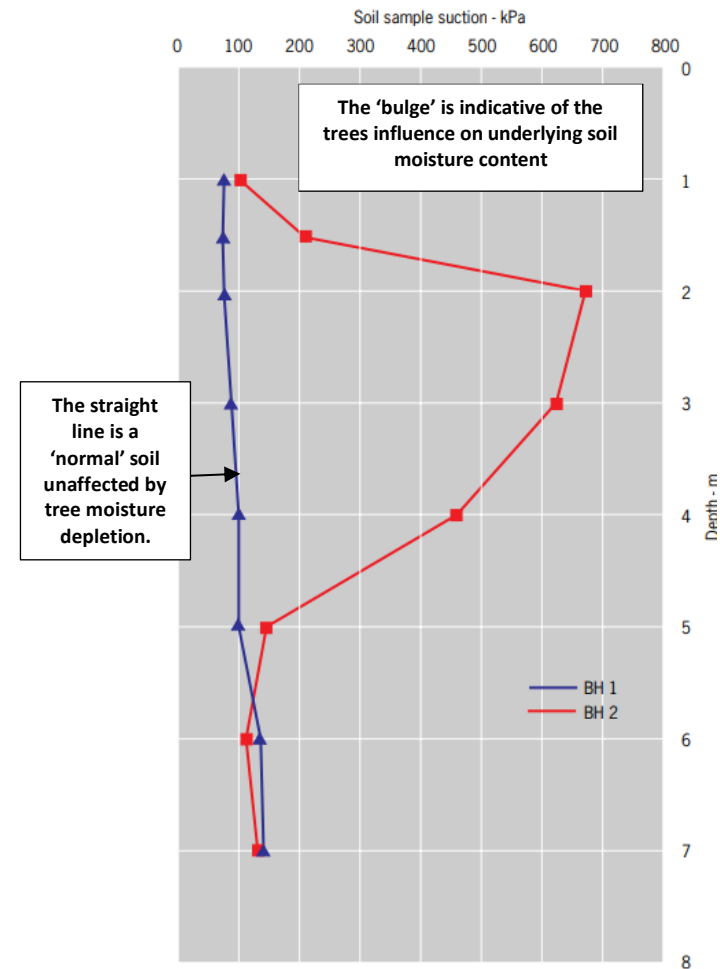
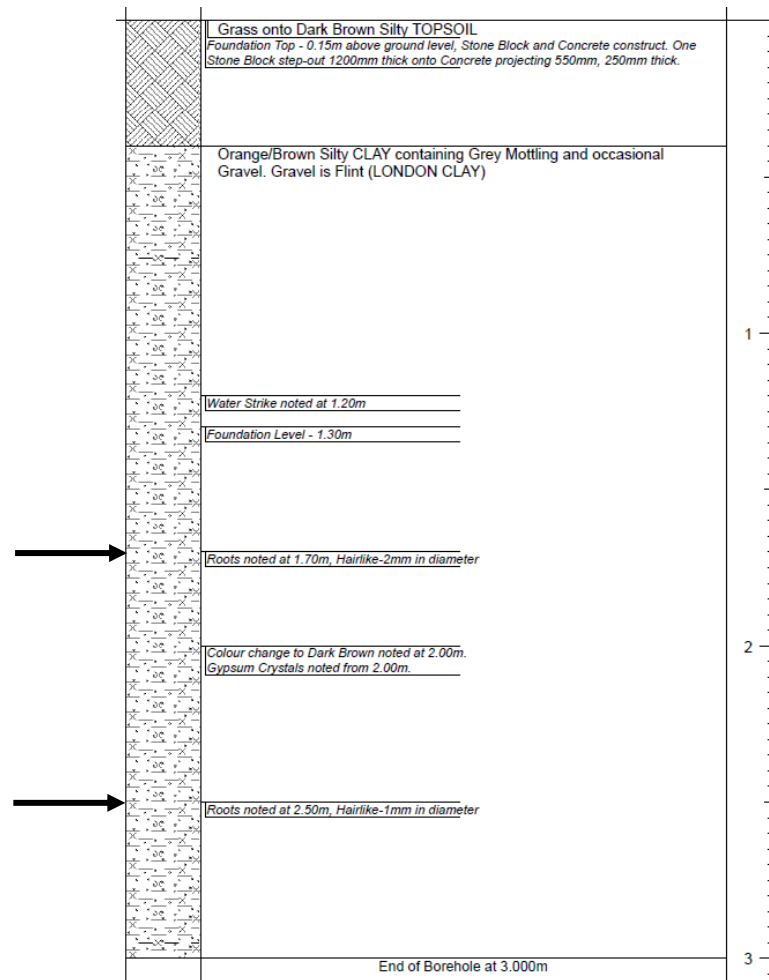


Fig 4 – Borehole log 10m from mature Oak tree on clay soil detailing fine roots to depths of 2.5m indicated with arrows (Source: Tamla Trees project) and annotated soil moisture depletion by trees showing a peak influence at 2m and extending to 5m (above right)

5.1.10 Against this backdrop rooting information seeking to manipulate RPA shapes to account for the presence of houses, garages etc outside of the immediate zone of structural rooting (3-4m) is not considered appropriate. Unless ground obstructions are present within the immediate structural rooting area or to such a depth as to nullify potential fine root growth (below basements or retaining wall step changes in levels for example) Tamla Trees Ltd will show RPA's in a circular fashion but seek to maximise the quality and positioning of specified tree protection measures and encourage ground treatments (such as mulching – see Section 5.7). **Clients and developers must implement these measures for them to be effective. A failure to protect trees during the development process adversely affects soil and roots. Symptoms may not present themselves for a number of years following the development as the tree(s) enter a spiral of potentially irreversible decline.**

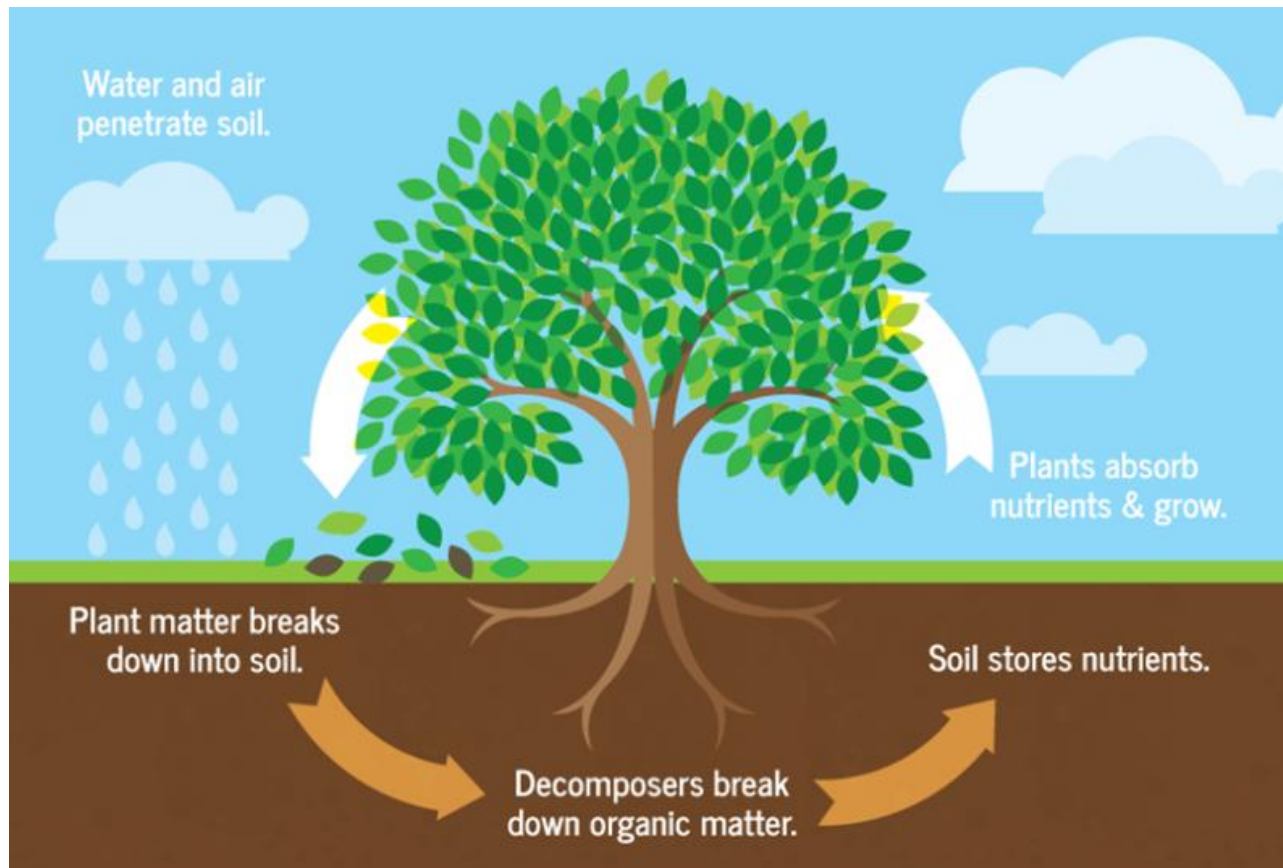


Fig 5 - Manion's spiral of tree decline for Norway Spruce (modified by Mrkva 1993)

5.1.11 BS5837 Section 4.6.3 Site Specific Assessment:

Section	Consideration	Site Specific Comments
4.6.3 (a)	<i>the morphology and disposition of the roots, when influenced by past or existing site conditions (e.g. the presence of roads, structures, and underground apparatus);</i>	- The rear garden locations of the retained trees are such that we would not consider there to be factors likely to have significantly affected the morphology of retained tree roots. - Seasonal fine root growth will extend within the full area of the RPA as visualised (and beyond).
4.6.3.(b)	<i>topography and drainage;</i>	- The site is generally level with only minor changes in existing site levels. - The gentle slope (north and away from the property) will see water drain naturally away from the existing main dwelling.
4.6.4.(c)	<i>the soil type and structure;</i>	- Soil is indicated by the BGS data to be a chalk to the north and clay to the south of the site as it appears to straddle a geological soil boundary. - T3 is physically protected by virtue of its location outside the site boundary and all other retained trees will be protected by a combination of herras fencing and temporary ground protection which seeks to both protect the trees physically during the works but retain the integrity of the underlying soil.
4.6.4.(d)	<i>the likely tolerance of the tree to root disturbance or damage, based on factors such as species, age, condition and past management.</i>	- Data on the tolerance of root disturbance to Yew (T5) for the pool/ summer house and T7 (Mulberry) for the pool, surfacing and summer house is not available.⁴ - At the distances of the works combined with the extent of protected area and proposed temporary ground protection should help mitigate the potential impact on these 2 retained trees as well as delivering robust protection for other site and 3rd party trees.

⁴ Matheny & Clark (1998) Trees and Development: A Technical Guide to Preservation of Trees During Land Development



- *Development has the very real capacity to adversely impact existing trees.*
- *Tree Protection Measures seek to maintain the integrity of the identified area (See Appendix 6)*
- *This is a 'damage limitation exercise' as identified Root Protection Areas only identify part of the trees rooting area.*
- *Retaining the integrity of the existing soil and ground conditions can help trees to be successfully retained within projects.*
- *Where possible try and maintain areas below tree canopies as mulched or soft landscape (not mown grass) as this maximises the natural nutrient cycle helping retain healthy trees.*

Image source: <https://sswm.info/>

Fig 6 – The Tree Nutrient Cycle – Every effort should be made to retain this through the development cycle. On this project the existing relationship remains largely unchanged on the basis of it being a replacement footing slab. Scope exists to mulch areas of the rear garden and enhance this relationship. The area below T5 & T7 is recommended for mulching.

5.2 Root Protection Area (RPA) Incursions

5.2.1 The following incursions into the RPA's of trees to be retained have been identified:

BS 5837 Cat	A	B	C	Summary
RPA Incursion	T3	-	-	Surfacing/ Landscape Amendments – The proposal shows changes to the localized hard and soft landscaping to the eastern boundary of the site where the RPA of T3 overflows into the site. There are existing hard surface/ flag stones in the area and the low level of works in terms of excavation/ construction combined with the proposed dry jointed permeable nature of the proposed replacement surfacing means there should be no discernable impact on this tree. This tree is afforded excellent protection during the works by virtue of its 3 rd party garden location.
	T5	-	-	Summer House/ Pool House – The proposal places the proposed structure partially within the RPA area of T5. On an individual level and given the extent of proposed tree protection and the use of temporary ground protection the real impact on this tree should be minimal.
	-	T7	-	Summer House/ Pool House/ Surfacing and Pool – The works encroach into the RPA of this tree which the client wishes to retain given its character to the garden. As a result, the design has been manipulated to maximize the spatial distance and allow for robust tree protection measures. The RPA is disproportionately large relative to the overall tree size given the form of the tree but it is envisaged that with implementation of the protection measures for the duration of the works and potential ground mulching below the tree the impact will be minimized. Services – The proposal is envisaged to tie into the service connections of the existing building. We should be updated with any additional service connections. The general principles of NJUG 4 – National Joint Utilities Group “Guidelines for the planning, installation and maintenance of utility apparatus in proximity to trees. Volume 4, issue 2.

	T3, T5	T7	-	London: NJUG 2007" should be adhered to. Special guidance (overview) on hand digging is included within this report for any service excavation which may be required within the RPA. All new manhole chambers must be located outside the RPA of any retained tree. Services info for the pool and its relevant plant/ connections is not yet available. Contractors (demo & construction) must be made aware of this requirement. Soft & Hard Landscaping – Hard landscaping works involve lightweight patio style surfaces and steppingstone features which will be dry jointed to allow permeability. Following the works BS3882 compliant topsoil will be spread/ raked out by hand to a depth no greater than 100mm and any localized shrub/ grass planting as required to make good. Scope exists to mulch below the canopy of T5 and T7 and this is to be encouraged as it is very effective at increasing soil microbial activity to the benefit of treated trees. Detailed further comment on landscaping proposals is outside the scope of this report.
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5.2.2 The relative incursions into the RPA for the works are indicated as follows:

Tree Number	RPA Total (Sqm)	Incursion (Sqm)	As % of trees RPA
T3	254	4 (b)	1.6%
		21 (s)	8.2%
T5	327	17 (b)	5.1%
		9 (s)	2.8%
T7	222	24 (b)	10.8%
		31 (s)	13.9%
		11 (p)	4.9%

b: building, s: surfacing, p: pool

- 5.2.3 It is recognised that BS5837 recommends all structures be placed outside the RPA of retained trees: *5.3.1 The default position should be that structures (see 3.10) are located outside the RPAs of trees to be retained. However, where there is an overriding justification for construction within the RPA, technical solutions might be available that prevent damage to the tree(s) (see Clause 7). If operations within the RPA are proposed, the project arboriculturist should: a) demonstrate that the tree(s) can remain viable and that the area lost to encroachment can be compensated for elsewhere, contiguous with its RPA; b) propose a series of mitigation measure.*
- 5.2.4 On this project the remaining free draining soft surface areas of the garden limits the impact of the incursions detailed above. The works will be combined with robust tree protection measures installed prior to the works commencing on site and being maintained for the duration of all site works.
- 5.2.5 The assessed risk based on the likely impact to the health and safety of T3, T5 & T7 on the basis that all the working practices and tree protection measures outlined within this report are implemented and maintained for the duration of all site works is summarised below:

Tree & Development Risk Indicator



- Our assessment has confirmed the presence of probable underlying CHALK (North) and CLAY (South of site).
- This (potential clay) increases the risk of modifications (compaction) to the underlying soil from construction activity (if clay is present close to surface levels).
- The proposal encroaches into the RPA of T3, T5 & T7 which by default increases the potential for damage to the root system. Robust tree protection measures seek to minimise that risk.
- The Tree & Development Risk Indicator (TDRI™) is therefore **LOW** to **MODERATE** with the greatest development pressure on T7 (Mulberry)
- **Note:** This level of risk is a visual guide only and is only relevant **if all advised tree protective measures are put in place prior to any on site activity and maintained for the duration of the works.**

Note: Only on-site testing can confirm the local soil conditions below foundation level but available information suggests the presence of a CHALK & CLAY.

5.3 Tree Pruning & Removal

- 5.3.1 The proposal requires the following works. Please note we are advised that T2 (Yew) has been removed since our original survey. The largest tree shown for removal is T8 (Cypress). This tree has a number of weak basal stem unions and an area of existing canopy die back:



Fig 7 – T8 (left) with dieback evident. SG1 (right).

Tree Surgery

Tree No.	Species	Proposed Tree Works	BS Cat

Proposed Removal

Tree No.	Species	Proposed Tree Works	BS Cat
T6	Holly	Remove to facilitate proposed works	C1
T8	Cypress	Remove to facilitate proposed works	C1
SG1	Mixed Species	Remove to facilitate proposed works	C1
SG2	Mixed Species	Remove to facilitate proposed works	C1

- 5.3.2 **Birds** - In the event future tree works are required to be completed between 1st March & the 31st July (inclusive) a due diligence check for nesting birds must be completed before work starts in order to comply with the Wildlife & Countryside Act 1981. This check should be recorded in the Site-Specific Risk Assessment. If active nests are found work should not take place until the young have fledged.
- 5.3.3 **Bats** – It should be noted that in England and Wales, the relevant legislation is the Wildlife and Countryside Act (1981) (as amended); the Countryside and Rights of Way Act, 2000; the Natural Environment and Rural Communities Act (NERC, 2006); and by the Conservation of Habitats and Species Regulations (2010).

Tree Pruning Indicator

Λ

- The spatial arrangement between the proposal and retained trees is such that no pruning is envisaged.
- The local authority retain control over pruning and removal works on the basis of the advised Conservation Area.
- **Note:** This is an indicative assessment. All and any future works should be undertaken in accordance with BS3998 (Tree Works) and we recommend the use of Arboricultural Association approved contractors.⁵

5.3.4 Please note that this is not a health and safety assessment report and that vigilance for the emergence of any fungal pathogens is advised. Some trees were located on 3rd party land with no full access. It would be advisable to advise the owner of 3rd party trees to have appropriate health and safety assessments undertaken. Further information on tree safety can be found [here](#).⁶

⁵ <https://www.trees.org.uk/ARB-Approved-Contractor-Directory>

⁶ <https://ntsgroup.org.uk/guidance-publications/>

5.4 Demolition & Foundations

5.4.1 All tree protection will be installed prior to any on site activity. The proposed tree protection procedure can be summarised as follows:



Stage 1

- Install BS5837 tree and ground protection - (See Appendix 6).
- Brief all contractors on purpose of fencing/ ground protection.



Stage 2

- Carefully remove existing surfacing and structures (by hand)
- Agree service locations for pool/ poolhouse/ plant.
- Mark out and hand dig retaining all roots >25mm.
- Excavate for pool and construct summer/ pool house.

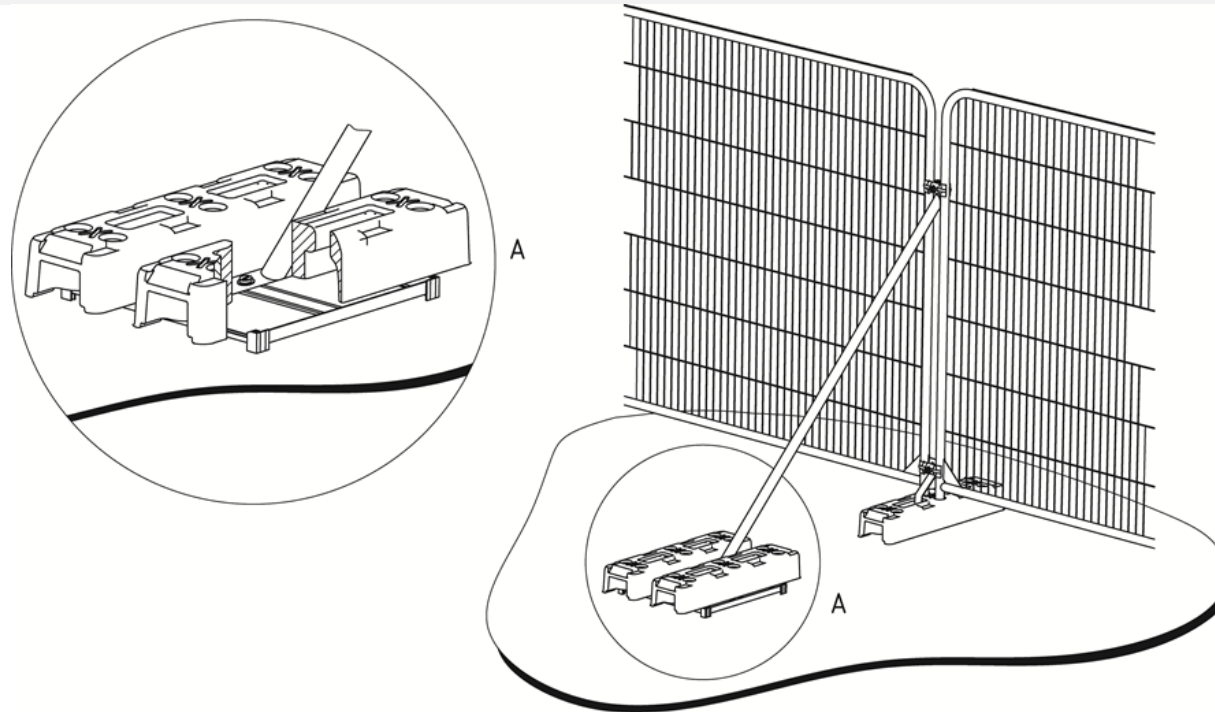


Stage 3

- Protection remains in place for complete installation. Removed prior to final hard and soft landscaping.
- BS3882 compliant topsoil imported and raked out where required to 'make good'.
- Undertake soft landscaping (to include mulch below retained tree canopies where possible).

5.4.2 High quality BS5837 compliant tree protection is to be installed on site and remains for the duration of the project with minor setting out manipulations as required to deliver the proposal.

Tree Protection



Overview

- *Braced feet spec fencing (left).*
- *Note: To be marked with signs (inset) and purpose to be briefed to all ground workers.*
- *Maintained for duration of the build.*

Threat Level to Retained Trees

LOW

5.4.3 All internal tree protection must be appropriately signed to ensure that all site operatives know its purpose.

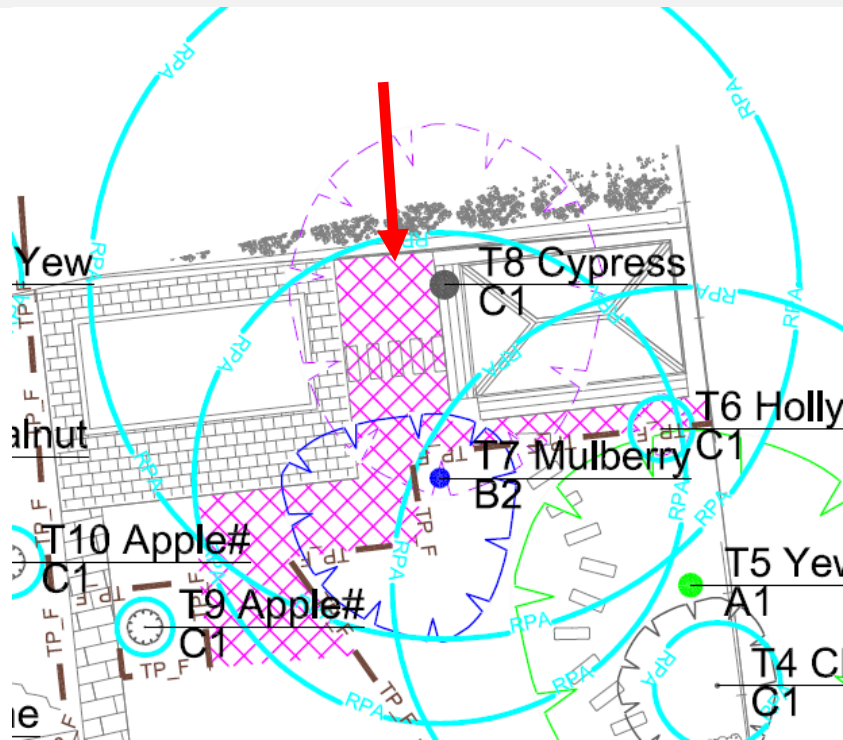


e: info@tamlatrees.com w: tamlatrees.com o: 01252 811 233
Tamla Trees Registered England & Wales Companies Act 2006 Reg No: 08815629

Fig 8 – Professional grade weatherproof tree protection signs no smaller than 297 x 420 mm (A3) will be located at 5m intervals and all ‘return’ faces for tree protective fencing.

5.4.4 Temporary ground protection is proposed to allow operative movements around the work area.

Ground Protection



Overview

- *Installed on existing soft garden/ grass areas prior to any on site activity.*
- *Maintained for duration of the build.*
- *Allows realistic movements around the work area.*

Threat Level to Retained Trees

LOW

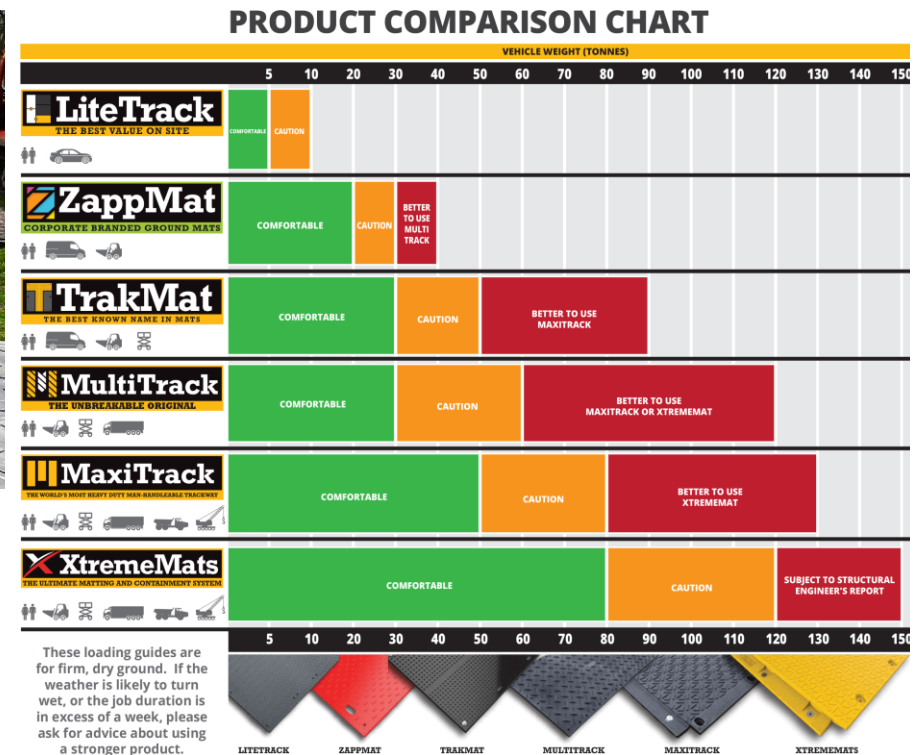


Fig 9 – An assessment of what type of tracking material is required will be made. In this instance only pedestrian/ access within the garden area appears to be required but this should be confirmed with the construction firm/ contractors prior to any on site works.



Fig 10 – Temporary ground protection is an effective way of allowing access through the RPA of retained trees. It must be installed prior to any on site activity and maintained for the duration of all works to be effective. Above left Tamla Trees project ground protection in place and above right being removed following the completion of site works. (Note: depending on the length of time it is in place it will adversely affect underlying grass ground cover which will need reseeded/ turfed accordingly)

5.4.5 **Site Manager/ Consultant Sign Off:** At this point a site inspection is required to confirm the appropriate tree protection measures have been completed.

Date of Inspection	Compliance with Tree Protection Plan?			
	Yes		No	
Rectification Actions (insert notes)				
Site Manager Signature:				
Print Name:				
Arboricultural Consultant Signature:				
Print Name:				

SITE TREES ARE NOW ADEQUATELY PROTECTED AND CONSTRUCTION ACTIVITY CAN COMMENCE

5.5 Surfaces near Trees

- 5.5.1 The proposed new surfacing close to the boundary in the orientation with T3 is located in an area where generally existing surfacing is present. This will be removed by hand and replaced on a minimal subbase which will generally occupy the area of existing subbase material limiting the potential impact on this tree.
- 5.5.2 Lightweight steppingstone style features will extend through the RPA of T5 & T7 and are supported on localised hand dug subbase installed following the principles of hand digging detailed in section 5.6. In real terms the impact from these works will be minimal.
- 5.5.3 The same principle applies for the surfacing around the pool relative to T7 (Mulberry) which has been reduced in size/ extent to minimise its potential impact on this tree.

5.6 Site Service Provision

5.6.1 The pool/ summer house and pool require service connections and associated plant. A plan detailing this is not yet available and this will be kept under review as the project progresses. All services will be designed to be spatially as far from trees as possible and where they extend through the RPA of retained trees, they will be hand dug following the overview principles outlined on the following pages.

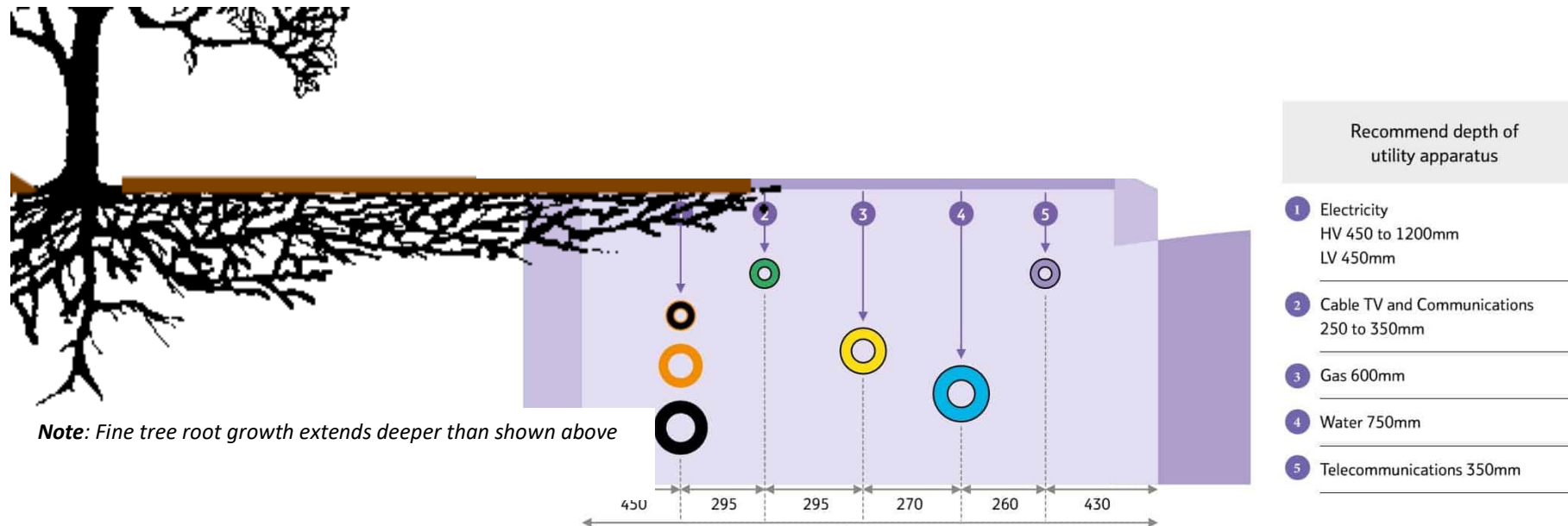


Fig 11 – Annotated service installation depth drawing (source: Thorne & Derrick). Service installations occupy the same soil volume/ depth where the greatest level of tree roots will likely be found.

5.6.2 **Services** - Any activity to excavate within the RPA has the capacity to cause root damage and should be hand dug in accordance with the principles detailed within this report. If this cannot be achieved to a satisfactory level thrust boring techniques may be required.

PLEASE NOTE THIS OPERATION HAS AN ELEVATED CAPACITY TO CAUSE DAMAGE TO TREE ROOTS

5.6.3 **Planning the excavation:** A 'toolbox talk' will spot mark and agree the locations and working practices. In the event tree roots (multiple &/or roots >25mm in diameter) are encountered work will stop and progress with hand tools only.

 Narrow Face Spade & Hand Trowel	 Stiff Hand Brush	 Hi Vis Paint (for spot marking roots)	 Hessian (to wrap exposed roots)	 Duct Tape (to secure hessian)
--	--	--	--	--

Fig 12 – Advised tools/ materials which should be available for all excavation works within RPA

5.6.4 Digging around tree roots is a skill and operatives must proceed with caution. Once a root is located it is often necessary to use a combination of hand tools and a stiff hand brush to track and 'trace' the roots location. Spot marking roots >25mm with spray paint is advised. **All roots >25mm in diameter will be retained. Please also note that retention of all roots where possible (including fibrous ones) is advised.**

- 5.6.5 **How deep?** – The excavation need only be as deep as the relevant service to be installed requires. **WARNING:** Breaking the ground has the potential to uncover services/ destabilise adjacent structures etc. Some general advice from the HSE can be found [here](#).
- 5.6.6 **Root Wrapping/ Protection:** In the event the footing works expose any roots >25mm in diameter these must be wrapped or protected with a covering of soil if left exposed overnight or for longer than any single 4-hour period before backfilling following service install.

Root Wrapping		
		Overview
		- Any exposed roots >25mm should be wrapped in hessian (example left) if exposed overnight or for any 4-hour period. - Spot marking with spray paint to highlight locations also advised. - Alternatively roots can be covered over with topsoil to maintain moisture retention. - Example Tamla Trees project on London Plane (left).
Threat Level to Retained Trees		HIGH

5.7 Ground Level Changes

- 5.7.1 No ground level changes within the RPA areas of retained trees are proposed other than pool/ footing excavations and surface implementation works. Following completion of the project any 'making good' will be with BS3882 compliant topsoil raked out by hand (to no more than 100mm depth within any tree RPA) and then seeded/ planted as appropriate. We encourage the use of composted bark mulch where possible within the RPA of retained trees. On this project particularly below T5 & T7.



Fig 13 – In the event of 'making good' topsoil will be BS3882 compliant and raked out by hand to no greater depth than 100mm.

- 5.7.2 We recommend the use of composted bark mulch where possible within the retained tree RPA's. As well as aiding water retention and increasing soil microbial activity it can design out issues associated with leaf and needle drop or lawns not establishing close to mature trees.

Mulching



Overview

- *Circular area edged to 50-100mm depth to stop mulch from 'creeping' on to surround lawn.*
- *Composted mulch then spread around below tree by hand – no need to lift or remove underlying grass.*
- *Mulch topped up annually/ as required.*
- *Positive benefits for mulched trees.*

Threat Level to Retained Trees

LOW

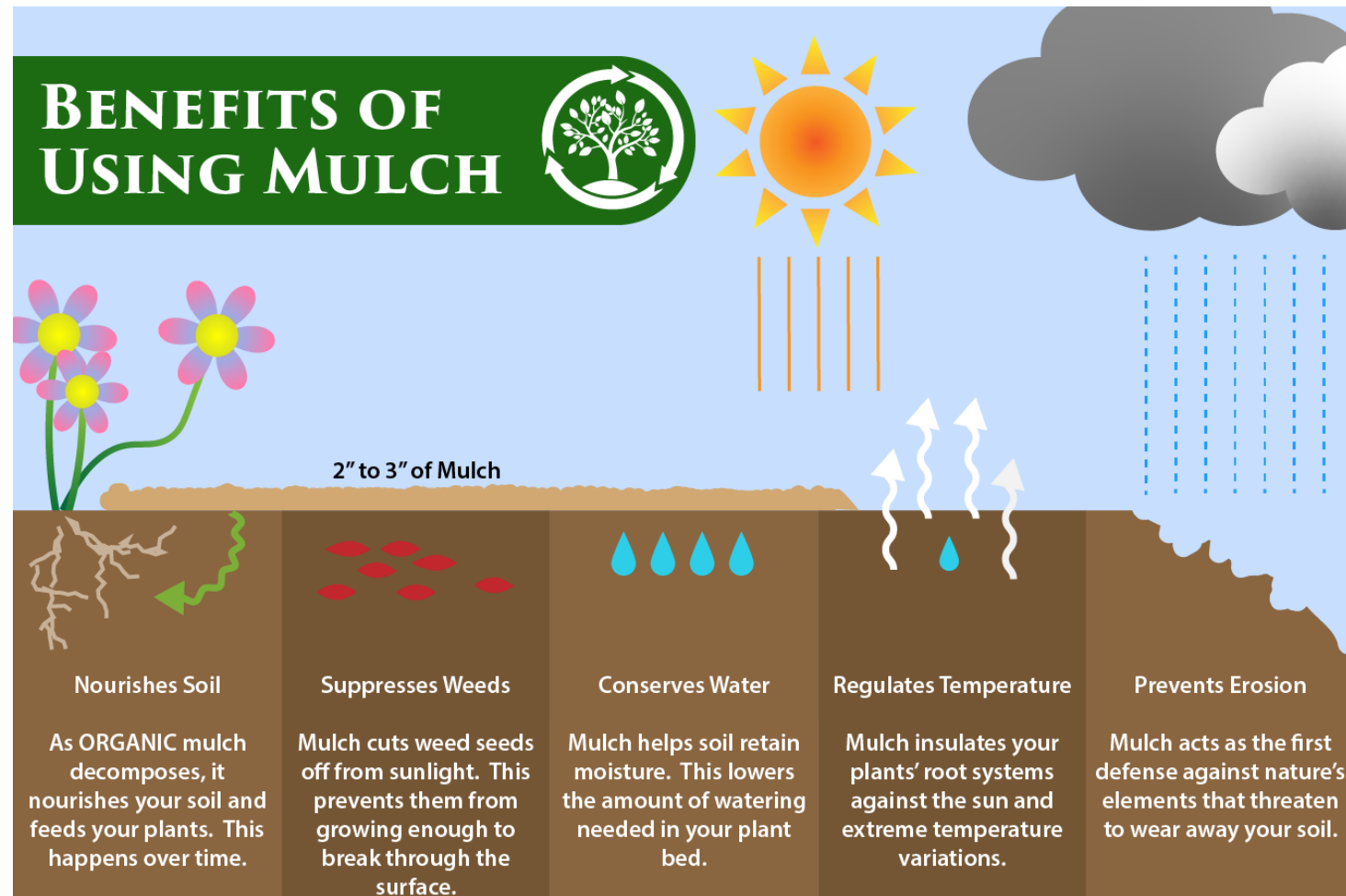


Fig 14 – Benefits of Mulch (Image Source 1st Stop Landscape Supply (US))

5.7.3 Where soft landscape planting occurs within the RPA of retained trees, we advise the use of small pot sizes and plug planting where possible to minimize the risk of root disturbance.

Plug and Pot Planting	
	Overview • Within 1.5m of retained trees planting should be with plug stock (left) • Small plant pot sizes <3l utilised for new planting in further areas. • Hand dug planting holes. • Top dressed in compacted bark mulch/ soil as appropriate. • Watered weekly May – September during season 1 & 2.
	Threat Level to Retained Trees
	LOW

5.8 Tree Shading of Proposal

5.8.1 The project is swimming pool and summer/ pool house and benefits from an open southerly aspect. Shading is not considered an issue on this project.

5.9 Arboricultural Project Supervision

5.9.1 Most damage to trees on developments sites is caused inadvertently and to ensure continued protection during development a system of site monitoring is normal.

5.9.2 Basic checks will be undertaken as the construction phase progresses to ensure that protective fencing remains intact and ensure the proposed works close to trees are completed in accordance with this report. Any unforeseen issues can be identified and discussed with the consulting arboriculturalist before any damage to trees occurs. This approach allows a strong working relationship with the site manager/ construction staff to identify issues that may affect retained trees and ensure they are addressed before they escalate. After each site inspection is completed, a formal record will be sent to the local authority.

Visit Detail	Date	Status
1st Site Inspection Attend site once tree protection is in place. Inspect/ Toolbox talk with site operatives regarding tree protection. Discuss pool plant/ service installations. Update local authority on findings.	TBC	Incomplete
Final Site Inspection Final site visit to confirm that no damage has been done to retained trees/ identify any remedial actions in the event damage has occurred. Assess any required tree surgery following construction. Update local authority and project team on findings.	TBC	Incomplete

Appendix 1 – BS5837 Survey Key

BS 5837 Cat	Description
A	Those of high quality and value: in such a condition as to be able to make a substantial contribution (> 40 years)
B	Those trees of moderate quality and value: those in such a condition as to make a significant contribution (> 20 years)
C	Those trees of low quality and value: currently in an adequate condition to remain until new planting could be established (> 10 years)
U	Those in such a condition that any existing value would be lost within 10 years and which should, in the current context, be removed regardless of development (< 10 years)

Note: Subcategories are denoted in the tree survey data (A1, B1, C2 etc.). You are referred to BS5837 for further detail if required.

Tree No.	T (tree), G (group), H (hedge), W (woodland) + Ref No.
Species	Common Name
Ht (m)	Measured height in metres
DBH (m)	Diameter at 1.5m above ground level
No of stems	An indication of the trees form @1.5m (1 = single stem, m/s = multi-stemmed)
Branch Spread	In m to cardinal points
Cr Ht Clearance (m)	Overall height of lowest branches from the ground level on side of proposed development
Life Stage	Young, Semi-Mature, Early Mature, Mature, Over-Mature
General Observations	Observations on the condition of the tree(s)
Tree Work Specification	Proposed tree works in accordance with BS3998
BS Cat	See above
Life Exp	Estimated remaining contribution in years.
RPA Radius(m)	Radius of the trees Root Protection Area measured from the trunk to the edge of the RPA circle in metres.

Appendix 2 – BS5837 Tree Classification

The classification of trees is undertaken during the survey to inform decisions as they relate to designs and retention/ removal. The 'value' of a tree in terms of its visual amenity is subjective and the full condition of a tree may not be apparent given access and other site-specific factors. If a tree is proposed for retention in many respects its BS category is irrelevant. We encourage the retention of all trees where the design realistically allows this with the exception of U cat trees (as these are usually 'defect' trees). There should not be a presumption that all C category trees can or should be removed. Generally A & B Category trees are those of greatest value to a development and designs should be manipulated to retain these where possible. Further detail on classification of trees is contained at Section 4.5 of BS5837. Some selective extracts are detailed below:

4.5.2 The purpose of the tree categorization method, which should be applied by an arboriculturist, is to identify the quality and value (in a non-fiscal sense) of the existing tree stock, allowing informed decisions to be made concerning which trees should be removed or retained in the event of development occurring.

4.5.5 When determining the appropriate category for any given tree, group, or woodland (see 4.4), the arboriculturist should start by considering whether the tree falls within the scope of category U. Assuming that it does not, the arboriculturist should then proceed on the presumption that all trees are considered according to the criteria for inclusion in category A. Trees that do not meet these criteria should then be considered in light of the criteria for inclusion in category B. This process should be repeated, as required, until the appropriate quality or value assessment is reached.

*4.5.6 Trees of generally high quality and/or value which have a defect or defects that do not reduce their retention span below the suggested 40-year threshold, should be placed in category A, i.e. they should not be downgraded as a result of minor imperfections. **Tamla Trees Note:** We do not apply a simple >40 = Cat A approach as many trees will have retention values in excess of 40 years but not be considered Cat A.*

4.5.11 The tree survey might identify the presence of veteran trees on the site. The implications of their presence on the use of the surrounding land should be assessed at the earliest possible stage of the design process. Where such trees are to be retained, particular care should be taken in the design to accommodate them in a setting that aids their long-term retention.

Please note assessments are made based on available access and factors can affect full inspections (3rd party tree location, extensive basal undergrowth, Ivy etc). This survey is not a full health and safety inspection although obvious defects (where noted) will be identified.

BS5837 Table 1 is shown on the following page and provides detail on the relevant categorisation. Elements of this remain subjective and if a tree is shown for retention its category is somewhat irrelevant as we consider all trees should be afforded the same value/ protection if to be retained.

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, irremediable, structural defect, such that their early loss is expected due to collapse, including those that will become unviable after removal of other category U trees (e.g. where, for whatever reason, the loss of companion shelter cannot be mitigated by pruning) - 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 Category U trees can have existing or potential conservation value which it might be desirable to preserve; see 4.5.7.</i>			See Table 2
	1 Mainly arboricultural qualities	2 Mainly landscape qualities	3 Mainly cultural values, including conservation	
Trees to be considered for retention				
Category A Trees of high quality with an estimated remaining life expectancy of at least 40 years	Trees that are particularly good examples of their species, especially if rare or unusual; or those that are essential components of groups or formal or semi-formal arboricultural features (e.g. the dominant and/or principal trees within an avenue)	Trees, groups or woodlands of particular visual importance as arboricultural and/or landscape features	Trees, groups or woodlands of significant conservation, historical, commemorative or other value (e.g. veteran trees or wood-pasture)	See Table 2
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 3 – BS5837 Survey Data

Tree No.	Species	DBH (m)	No of Stems	Ht (m)	Crown Spread				BS Cat	Age Class	Life Expect	Cr Ht (m)	Observation	Recommendations	RPR (m)
					N	E	S	W							
T1	Laurel (Cherry)	0.07	1	2	1.6	0.5	0.5	0.9	C1	Young	20 to 40	0.6	Small tree poorly located for long term retention.	No works	0.8
T2	Yew	0.3	1	9	3.7	3.5	3.7	3.5	B2	Mature	> 40	0.2	Stem growth obscured lower stem. Within flag stone area.	Already removed	3.6
T3	Yew	0.75	1	14	7	6.5	6.7	6.8	A1	Mature	> 40	1.5	3rd party tree with no access to inspect. Appears good form and with good foliage cover.	No works	9
T4	Cherry	0.18	1	2.6	3	2	3	3.4	C1	Mature	20 to 40	1	Small asymmetric tree in shrubs. Spring feature tree.	No works	2.2

Tree No.	Species	DBH (m)	No of Stems	Ht (m)	Crown Spread				BS Cat	Age Class	Life Expect	Cr Ht (m)	Observation	Recommendations	RPR (m)
					N	E	S	W							
T5	Yew	0.85	1	14	5.3	7	8.2	6	A1	Mature	> 40	1.5	Appears good form and with good foliage cover. On mounded ground.	No works	10.2
T6	Holly	0.09	1	5	1.2	1	0.9	1	C1	Young	> 40	1.6	Small tree.	Remove to facilitate proposal	1.1
T7	Mulberry	0.7	1	4.5	2.2	2.6	5.6	5.4	B2	Mature	> 40	0	Low sprawling example. Chains. Not without character.	No works	8.4
T8	Cypress	1.01	2	12	5.5	5.4	7.2	5.3	C1	Mature	20 to 40	2	V union at base. Ivy establishing. Close to wall. Some canopy thinning.	Remove to facilitate proposal	12.1
T9	Apple	0.08	1	1.8	0.6	0.6	0.6	0.6	C1	Semi-mature	> 40	1	Small fruit tree. Recently reduced.	No works	1

Tree No.	Species	DBH (m)	No of Stems	Ht (m)	Crown Spread				BS Cat	Age Class	Life Expect	Cr Ht (m)	Observation	Recommendations	RPR (m)
					N	E	S	W							
T10	Apple	0.1	1	2.3	0.6	0.6	0.6	0.6	C1	Semi-mature	> 40	1	Small fruit tree. Recently reduced.	No works	1.2
T11	Yew	0.35	1	7.5	3.5	3.5	3.6	3.4	B1	Mature	> 40	2	Good form. Close to wall.	No works	4.2
T12	Walnut	0.15	1	6	3	3.2	3.1	2	C1	Semi-mature	20 to 40	1.7	Slight asymmetric form. Close to wall.	No works	1.8
T13	Tulip Tree	0.9	1	19	9	9.5	8	8	A1	Mature	> 40	2	Large example. 3rd party tree with no access to inspect.	No works	10.8
T14	Pine (Scots)	0.75	1	14	5	5	5	7	A2	Mature	> 40	3	Some stem wounds visible but 3rd party tree with no access to inspect. Has character.	No works	9

Tree No.	Species	DBH (m)	No of Stems	Ht (m)	Crown Spread				BS Cat	Age Class	Life Expect	Cr Ht (m)	Observation	Recommendations	RPR (m)
					N	E	S	W							
SG1	Yew, Privet, Box, Buddleia	0.08	M/S	4	1	1	1	1	C1	Mature	20 to 40	0.2	Close grown managed shrubs. Localised low level screening between properties.	Remove to facilitate proposal	1
SG2	Viburnum, Choisya, Bay, Buddleia, Cypress	0.08	M/S	4	1.5	1.5	1.5	1.5	C1	Mature	20 to 40	0.2	Close grown managed shrubs. Localised low level screening between properties.	Remove to facilitate proposal	1

Appendix 4 – Tree Works Schedule

Tree Surgery

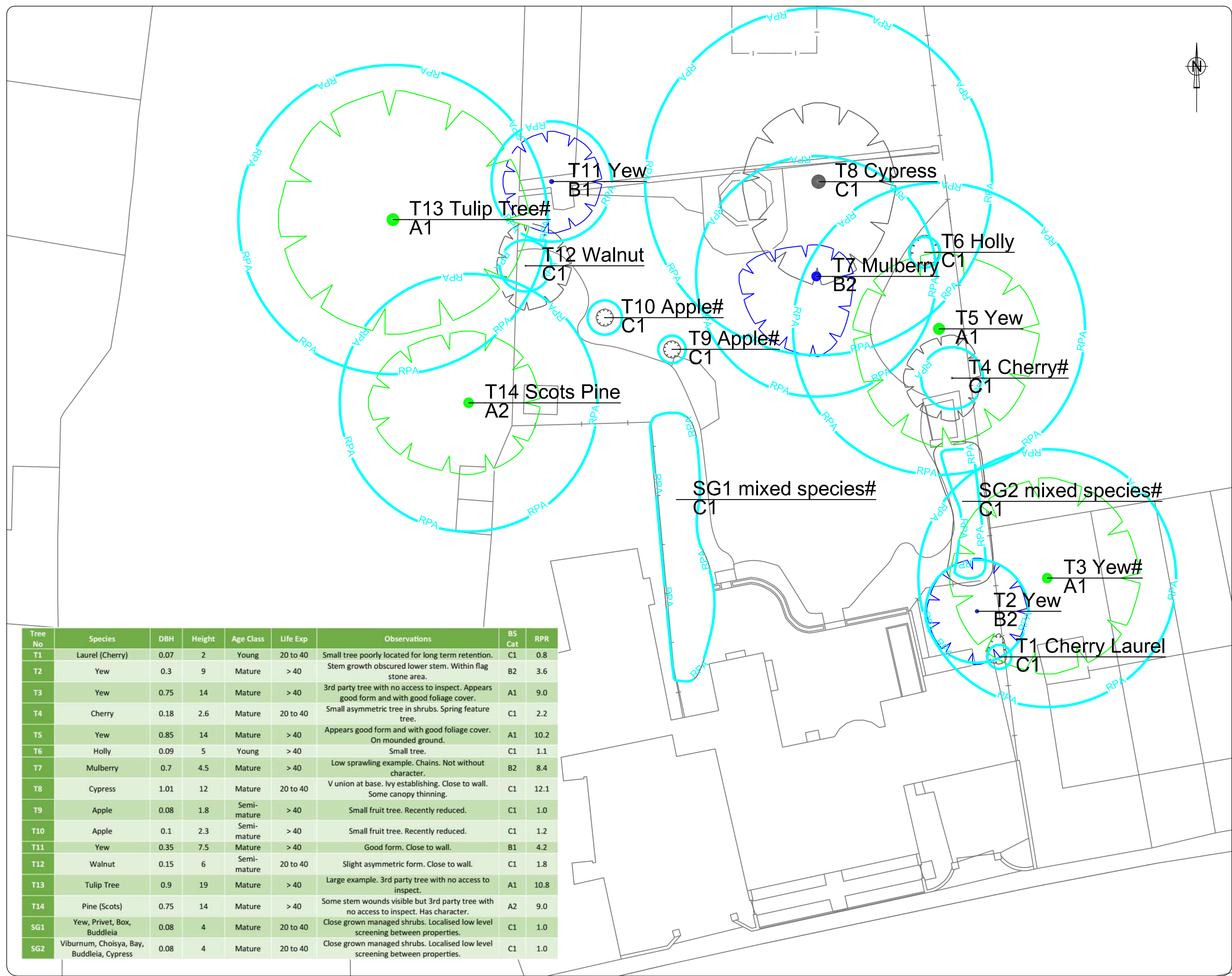
Tree No.	Species	Proposed Tree Works	BS Cat

Proposed Removal

Tree No.	Species	Proposed Tree Works	BS Cat
T6	Holly	Remove to facilitate proposed works	C1
T8	Cypress	Remove to facilitate proposed works	C1
SG1	Mixed Species	Remove to facilitate proposed works	C1
SG2	Mixed Species	Remove to facilitate proposed works	C1

NOTE: All tree works to be undertaken in accordance with BS 3998:2010 'Tree work - Recommendations'.

Appendix 5 - Tree Constraints Plan



Tree No	Species	DBH	Height	Age Class	Life Exp	Observations	BS Cat	RPR
T1	Laurel (Cherry)	0.07	2	Young	20 to 40	Small tree poorly located for long term retention. Stem growth obscured lower stem. Within flag stone area.	C1	0.8
T2	Yew	0.3	9	Mature	> 40		B2	3.6
T3	Yew	0.75	14	Mature	> 40	3rd party tree with no access to inspect. Appears good form and with good foliage cover.	A1	9.0
T4	Cherry	0.18	2.6	Mature	20 to 40	Small asymmetric tree in shrubs. Spring feature tree.	C1	2.2
T5	Yew	0.85	14	Mature	> 40	Appears good form and with good foliage cover. On mounded ground.	A1	10.2
T6	Holly	0.09	5	Young	> 40	Small tree.	C1	1.1
T7	Mulberry	0.7	4.5	Mature	> 40	Low sprawling example. Chains. Not without character.	B2	8.4
T8	Cypress	1.01	12	Mature	20 to 40	V union at base. Ivy establishing. Close to wall. Some canopy thinning.	C1	12.1
T9	Apple	0.08	1.8	Semi-mature	> 40	Small fruit tree. Recently reduced.	C1	1.0
T10	Apple	0.1	2.3	Semi-mature	> 40	Small fruit tree. Recently reduced.	C1	1.2
T11	Yew	0.35	7.5	Mature	> 40	Good form. Close to wall.	B1	4.2
T12	Walnut	0.15	6	Semi-mature	20 to 40	Slight asymmetric form. Close to wall.	C1	1.8
T13	Tulip Tree	0.9	19	Mature	> 40	Large example. 3rd party tree with no access to inspect.	A1	10.8
T14	Pine (Scots)	0.75	14	Mature	> 40	Some stem wounds visible but 3rd party tree with no access to inspect. Has character.	A2	9.0
SG1	Yew, Privet, Box, Buddleia	0.08	4	Mature	20 to 40	Close grown managed shrubs. Localised low level screening between properties.	C1	1.0
SG2	Viburnum, Choisya, Bay, Buddleia, Cypress	0.08	4	Mature	20 to 40	Close grown managed shrubs. Localised low level screening between properties.	C1	1.0

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Tree Survey Drawing Key

Root Protection Area m2

Tree Canopy Extent

Stem Location / Coloured disc denotes BS: 5837 Category

Tree Number

See Tamla Trees, Tree Survey for Individual Tree Details

KEY

Please refer to Tamla Trees report for details

Category A - Trees of high quality

Category B - moderate quality

Category C - low quality

Category U - Dead, Dying or Defect trees with <10 years retention value

RPA - root protection area as defined by Table 2 BS 5837:2012

NOTE # Tree positions indicatively mapped due to lack of detailed topographical plan

REV AMENDMENTS DRAWN DATE AUTH'D

PROJECT

Sonning House,
Pearson Road, Sonning,
Wokingham, RG4 6UL

CLIENT

Woldon Architects

TITLE

Tree Constraint Plan (TCP)

Job

03925R

Scale

1:250 @ A3

DRG NO

03925P_TCP_01

Revision

A

Tel: 01252 811 233

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Tamla Trees

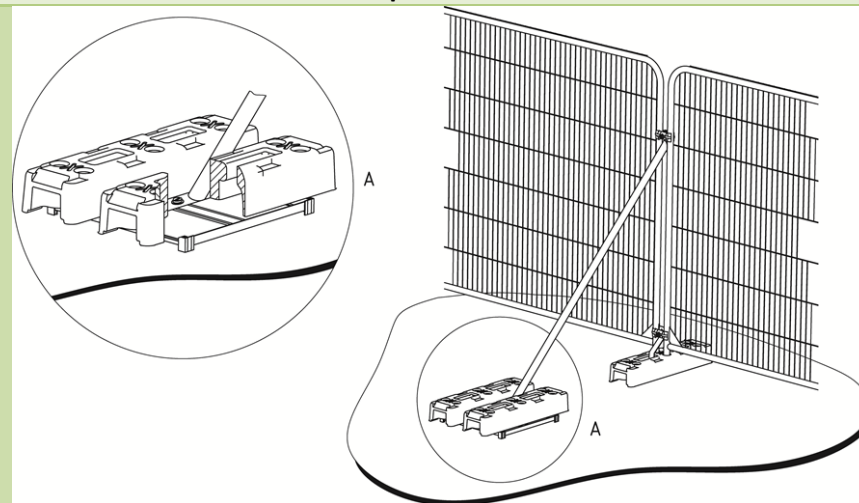
consulting arborists

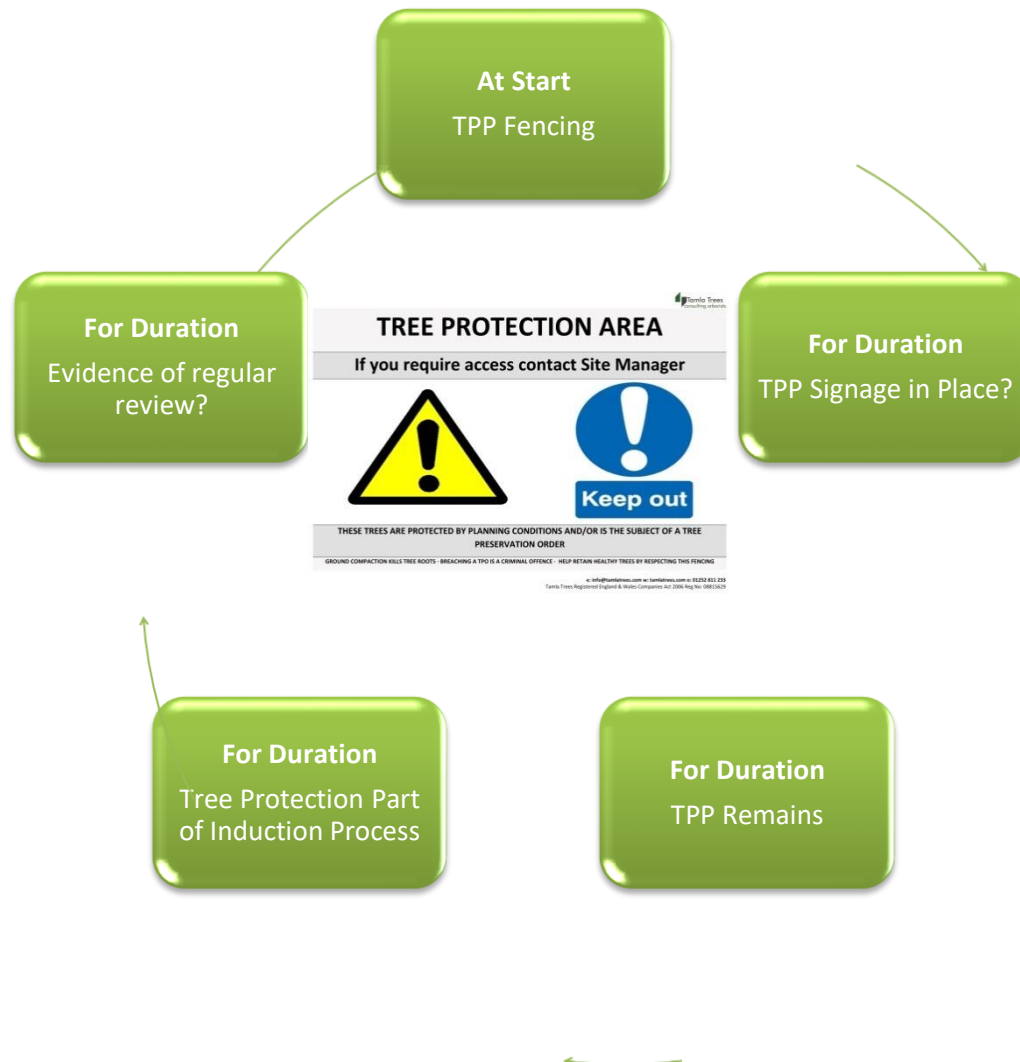
Appendix 6 - Tree Protection Plan

Tree protection is essential to successfully integrate the proposal into the surrounding trees. It is designed to manage the impact on the underlying soil and rooting environment. It must therefore be installed prior to any further site activity. Even apparently minimal tracking of the soil near trees has the capacity to irretrievably modify the soil environment to the detriment of tree health and stability.

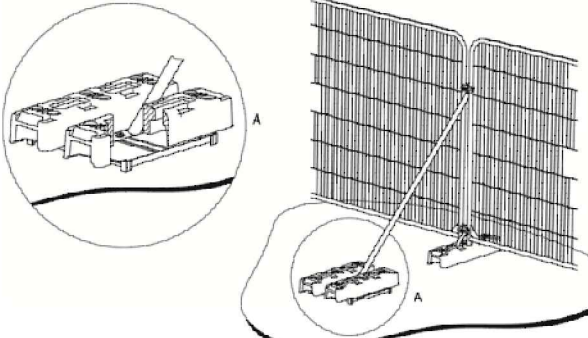
All our fencing specifications accord with advice and guidance within BS 5837. Modifications to fence types are possible but should be discussed prior to implementation. In all other instances the form detailed below should be shown. This offers the best protection to retained trees.

- All tree protection must be in place prior to any site activities. It is recommended that this fencing is installed prior to any site works (including demolition).
- To be effective Tree Protection must remain in place for the duration of the development and form part of the site induction process.
- Site operatives to be briefed on ground protection prior to work commencing.
- On this project feet fencing specification proposed (right) combined with ground protection (not shown).





Tree Protection Specification



Fencing to be installed prior to any on site activity (demolition or construction)

TREE PROTECTION AREA
If you require access contact Site Manager



THESE TREES ARE PROTECTED BY PLANNING CONDITIONS AND/OR IS THE SUBJECT OF A TREE PRESERVATION ORDER.

GROUND COMPACTION SHALL TREE ROOTS - BREAKING A TREE IS A CRIMINAL OFFENCE - KEEP RETAIN HEALTHY TREES BY RESPECTING TREE FENCING

on info@tamlatrees.com or tamla@tamla.co.uk or 01252 811 233
Tamla Trees are registered to provide services in accordance with BS 5837:2012

- Warning signs to be located every 5m and to be minimum A3 in size (i.e. 42cm x 29.7cm)
- To be checked and replaced as necessary.

Deviations from the advised tree protection compromises tree roots and should be avoided. The purpose of tree protection measures should be briefed to all on site staff.

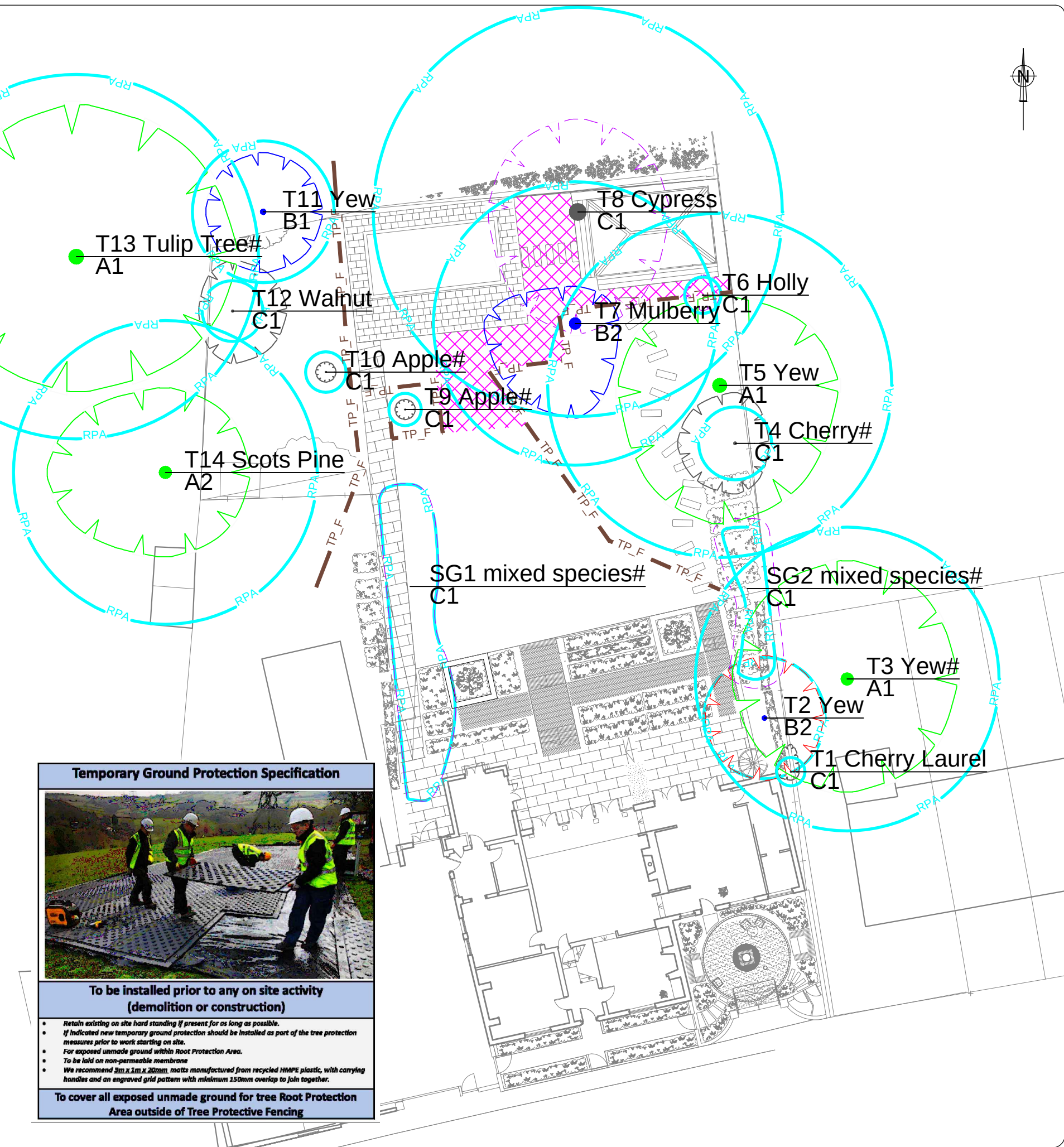
Temporary Ground Protection Specification



To be installed prior to any on site activity (demolition or construction)

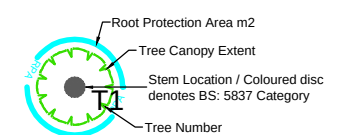
- Retain existing on site hard standing if present for as long as possible.
- If indicated new temporary ground protection should be installed as part of the tree protection measures prior to work starting on site.
- For exposed unmade ground within Root Protection Area.
- To be laid on non-permeable membrane
- We recommend 3m x 1m x 20mm mats manufactured from recycled HDPE plastic, with carrying handles and an engraved grid pattern with minimum 150mm overlap to join together.

To cover all exposed unmade ground for tree Root Protection Area outside of Tree Protective Fencing



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Tree Survey Drawing Key



See Tamla Trees, Tree Survey for Individual Tree Details

KEY

Please refer to Tamla Trees report for details

- Category A - Trees of high quality
- Category B - moderate quality
- Category C - low quality
- Category U - Dead, Dying or Defect trees with <10 years retention value

- RPA - root protection area as defined by Table 2 BS 5837:2012
- Tree removed since survey
- Proposed removal - to facilitate Development
- Location of protective fencing - BS 5837 Feet Fence (or similar)
- Temporary ground protection

NOTE # Tree positions indicatively mapped due to lack of detailed topographical plan

REV AMENDMENTS DRAWN DATE AUTH'D

PROJECT
**Sonning House,
Pearson Road, Sonning,
Wokingham, RG4 6UL**

CLIENT
Woldon Architects

TITLE
Tree Protection Plan (TPP)

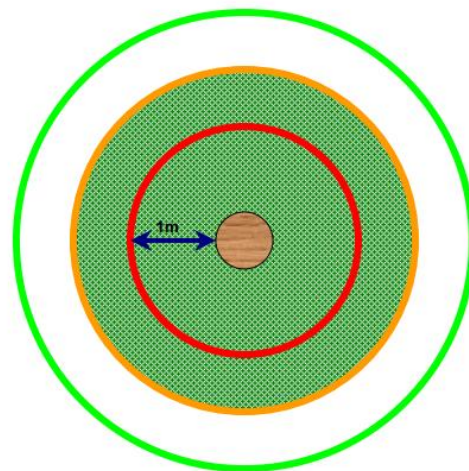
Job	03925R	Scale	1:250 @ A3	DRG NO	03925P_TPP_01	Revision	B
Date	29/06/2026	Type	a				

Tel: 01252 811 233
Email: info@tamlatrees.com
Web: www.tamlatrees.com



Appendix 7 - Tree & Services Plan

- Service information not yet available.
- To be kept under review as part of site inspection process.
- **Note:** All service companies should be provided with a copy of the Tree Protection Plan as early in the design process as possible to ensure that service routes are located outside RPA's where possible.
- NJUG 4 – National Joint Utilities Group “Guidelines for the planning, installation and maintenance of utility apparatus in proximity to trees. Volume 4, issue 2. London: NJUG 2007” to be adhered to at all times. A copy is available [here](#).



Key



Trunk of tree



Canopy or branch spread



PROHIBITED ZONE – 1m from trunk. Excavations of any kind must not be undertaken within this zone unless full consultation with the local authority Tree Officer is undertaken. Materials, plant and spoil must not be stored within this zone.



PRECAUTIONARY ZONE – 4 x tree circumference. Where excavations must be undertaken within this zone the use of mechanical excavation plant should be prohibited. Precautions should be undertaken to protect any exposed roots. Materials, plant and spoil should not be stored within this zone. Consult with the local authority Tree Officer if in any doubt.



PERMITTED ZONE – outside of the precautionary zone. Excavation works may be undertaken within this zone, however caution must be applied and the use of mechanical plant limited. Any exposed roots should be protected.

Extract from National Joint Utilities Group “Guidelines for the planning, installation and maintenance of utility apparatus in proximity to trees. Volume 4, issue 2. London: NJUG 2007

Appendix 8 – Site Photographs



Image 1 – looking towards T3 and SG2 and the rear of the main property.



Image 2 – T7 (Mulberry)



Image 3 –Mulching below the canopy of T5 would design out the issue of grass not growing and benefit this tree.

Appendix 9 – Limitations

Full Legal Disclaimer

This report was prepared as a report of work instructed by client (as specified). Neither Tamla Trees Ltd nor any associated company, nor any of their employees, nor any of their contractors, subcontractors, or their employees, makes any warranty, express or implied, or assumes any legal liability or responsibility for the accuracy, completeness, or any third party's use or the report and its findings. Reference herein to any specific commercial product, process, or service by trade name, trademark, manufacturer, or otherwise, does not necessarily constitute or imply its endorsement, recommendation, or favouring by Tamla Trees Ltd or any associated company. The views and opinions of authors expressed herein do not necessarily state or reflect those of Tamla Trees Ltd or any associated company.

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Specific - Trees

All tree inspections, unless specified, have been undertaken from ground level and using non-invasive techniques. Comments contained within the report on the condition and risk associated with any tree relate to the condition of the tree at the date and time of survey. Please note that the condition of trees is subject to change. This change may occur but is not limited to biological and non-biological factors as well as mechanical/ physical changes to conditions in the proximity of the tree. Trees should be inspected at intervals relative to risk/ target areas and in accordance with relevant [HSE guidance](#). Tamla Trees Ltd can provide further information on this matter if required. Where full access to trees (Ivy, materials at base, location on 3rd party land) was not possible Tamla Trees Ltd accept no liability for issues that arise.

Please note no statutory control checks have been undertaken (unless specified). Where tree surgery works have been identified these works are based on the assumption that planning is approved, no tree works should be undertaken prior to determination of this application without up-to-date confirmation of the Tree Preservation Order / Conservation Area Status of the vegetation. All works should be undertaken in accordance with the appropriate Duty of Care. This should include, for example, site specific risk assessments and due diligence inspections for the presence of protected species.

Any comment/ measurements relating to 3rd party trees have been made without full access to the tree(s). Should these trees have any impact on the proposed development we would advise you to instruct us to contact the 3rd party and undertake further detailed inspection work.

A legal Duty of Care requires that any tree works specified in this report should be performed by qualified, arboricultural contractors who have been competency tested to determine their suitability for such works in line with Health & Safety Executive Guidelines. Additionally all works should be carried out according to British Standard 3998 (2010) Recommendations for Tree Work.