



ARBORICULTURAL IMPACT ASSESSMENT, PROTECTION PLAN AND METHOD STATEMENT

SITE:	SPINDLES, FURNACE FARM ROAD, FURNACE WOOD, FELBRIDGE, WEST SUSSEX, RH19 2PU
SURVEY DATE:	10 JUNE 2026
REPORT DATE:	23 JUNE 2026
OUR REFERENCE:	595-2241-5/22/2026
ON BEHALF OF:	Wayne Poole, WPD Consultants,
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DIGITALLY APPENDED TREE PROTECTION PLAN (IN PDF FORMAT)	

ABBREVIATIONS

AIA	Arboricultural Impact Assessment	CMS	Construction Method Statement
AMS	Arboricultural Method Statement	RICS	Royal Institute of Chartered Surveyors
BRE	Building Research Establishment	RPA	Root Protection Area
BS	British Standard	TPBE	Trees and People in the Built Environment
CCS	Cellular Confinement System	TPO	Tree Preservation Order
CEZ	Construction Exclusion Zone	TPP	Tree Protection Plan



1. INTRODUCTION

- 1.1. Harrison Arboriculture Ltd. was commissioned to provide an arboricultural report to include an arboricultural impact assessment, tree protection plan and preliminary method statement for development proposals at SPINDLES, FURNACE FARM ROAD, FURNACE WOOD, FELBRIDGE, WEST SUSSEX, RH19 2PU by Wayne Poole of WPD Consultants.
- 1.2. The site co-ordinates are 51°08'11.1"N 0°04'10.9"W which lies within the administrative area of Mid Sussex District Council.

2. TERMS OF REFERENCE

- 2.1. To provide an assessment of the trees on and around the site regarding their suitability for retention within the context of the development based on the details provided. It assesses which of those will either have an impact on and/or be impacted upon by the development. The report includes methods by which those impacts can be mitigated if they are available and adheres to the recommendations provided in British Standard 5837:2012 'Trees in relation to design, demolition and construction - Recommendations' (BS 5837)
- 2.2. The report includes:

An Arboricultural Survey

The survey provides a plan indicating the size and positions of the trees present at the time of the survey on and close to the site. The positions and dimensions are scaled based on the general topographical and building features indicated by the Ordnance Survey plan © Crown Copyright and database rights 2018 OS 100047474, the final plan will be at 1:500 or larger as per RICS specification.

An Impact Assessment (AIA) / Constraints Plan

Based on the tree survey and proposed layout as illustrated by drawing reference Prelim.Planning revC arb.copy provided by WPD Consultants.

A Tree Protection Plan (TPP)

- Recommendations for the construction and positioning of suitable tree protection. It includes barrier fencing and both permanent and temporary



ground protection where appropriate based on the AIA.

- The report will include possible methods to mitigate the adverse impacts of the development. The TPP illustrates the areas within or close to the RPA's within which measures are necessary to protect the root areas of retained trees.

Predicted impacts plan

- The predicted impacts are provided on plan reference 595-2241-5/22/2026 TPP and assess the expected impacts of the retained trees post development. The shade prediction is based on guidance provided by Building Research Establishment (BRE) in Site Layout Planning For Daylight and Sunlight - A guide to good practice.

An Arboricultural Method Statement

This will provide a precautionary approach appropriate to the proposals. It will describe the methods and sequence of tree protection that should be adopted in order to demonstrate that the operations can be undertaken with minimal risk of adverse impact on trees to be retained. It may require relevant information from other specialists.

- 2.3. The scope and limitations of the report are listed in Appendix B – Generic Information.

3. PROTECTION STATUS

- 3.1. Trees subject to constraints such as Tree Preservation Orders and Conservation Areas are protected under the law. It is suggested that written confirmation from Mid Sussex District Council is sought formally establishing the legal status of these trees prior to any works being undertaken outside the remit of an approved planning application.



ARBORICULTURAL IMPACT ASSESSMENT

4. DEVELOPMENT / SITE APPRAISAL

- 4.1. The site is at Spindles, Furnace Farm Road, Furnace Wood, Felbridge, West Sussex, RH19 2PU.
- 4.2. The development proposal is for a front extension and an outbuilding.
- 4.3. There are a number of trees within the overall site boundary all but one are a significant distance from the proposals.

5. TREE CATEGORISATION

- 5.1. The method of categorisation as provided by BS5837 can be found at Appendix A. The following is a summary of the trees present on the site and their grade (table 1). A and B category trees are a material consideration in the development process; the subcategories 1, 2 and 3 are intended to reflect arboricultural, landscape and cultural values respectively.

Table 2 - Tree Category Summary

C1	6		A	6
C2	0		B	6
C3	0		C	6
B1	5		U	0
B2	0		Total	18
B3	0			
A1	6		T	17
A2	0		G	1
A3	0		H	0
U	0		W	0
B2/C1	1			
Total	18		Total	18

6. DEVELOPMENT IMPLICATIONS

- 6.1. The primary criterion, in Arboricultural terms, is the retention of as many



appropriate trees as practicable, allowing development to proceed whilst providing them with space and protection both during and subsequent to the completion of the development. The following is an assessment of the likely impact of the development on trees which are worthy of retention and guidance on the type and extent of protection required to ensure their continued wellbeing within the proposed development and the future landscape.

- 6.2. Most tree roots are typically found in the upper 600mm of soil and any excavation or compaction of the ground within these areas has the potential to damage roots and impact the future health and potentially the stability of the trees.
- 6.3. Soil levels over tree root areas must be left largely unaltered and the soil structure maintained. The recommended root protection area is the theoretical space required sufficient to maintain tree health.

ACCESS

- 6.4. The proposal retains the existing access alignment and does not involve widening, realignment, excavation, or changes to ground levels, thereby avoiding additional incursion into the calculated Root Protection Areas (RPAs) and preventing disturbance to previously undisturbed rooting areas. The existing gravel access has served the property since its original construction and has been subject to regular vehicular use associated with the residential use of the site.
- 6.5. Construction traffic associated with the proposed development will be limited to essential vehicle movements only. The established nature of the access, the absence of intensification or alteration, and the short-term nature of the proposal, the continued use of the existing access is assessed as presenting a low risk of soil compaction or root damage within the RPAs, with no material increased impact over baseline conditions.

MARGINAL ENCROACHMENT

- 6.6. The proposed outbuilding sits very close to the outer periphery of the calculated Root Protection Area (RPA) of off-site Tree 15, a Category B Birch.
- 6.7. Any excavation required within this area will be undertaken using careful hand-dig techniques in accordance with BS5837:2012, with works halted should any significant roots be encountered. Having regard to the limited extent of the



incursion, the peripheral nature of the RPA overlap, the existing hard surfacing, and the moderate arboricultural value of the tree, the proposal is assessed as unlikely to result in a material adverse impact on the retained tree.

6.8. *TEMPORARY GROUND PROTECTION*

- 6.9. Access into the RPA is required to facilitate access and working areas during construction. Ground protection designed to accommodate the anticipated type and frequency of traffic will be required to minimise damage to the underlying soil. The fundamental principle is to distribute imposed loads over a wider surface area using a rigid surface to prevent rutting, soil compaction, and the potential leaching of contaminants into the ground.

BARRIER FENCE

- 6.10. The existing trees are a significant distance from the proposed construction sites with space adjacent to the workspace to facilitate storage and mixing without impacting the retained trees. The nature of the proposal means that the potential for damage through development activities are very low and the existing barriers and conditions largely restrict access into unsurfaced root areas. Barrier fencing is not considered necessary for this site.

7. *SERVICE RUNS*

- 7.1. The existing services will feed the proposed extension and outbuilding.
- 7.2. Should additional underground electricity, gas or foul and grey water services be required, they will require routing well outside the protection areas of trees which are to be retained. If the route is likely to pass close to or within the RPAs of the retained trees prohibitions on excavation within the RPA's applies. A specific method statement will be required describing the method to be used to minimise any root damage. These may potentially involve hand digging within the root areas and laying pipework between any significant roots or moling from a position outside the RPA's

8. *SITE PARKING, SITE HUTS, MIXING AND MATERIAL STORAGE AREAS*



- 8.1. Areas used for construction activities, including material storage, plant parking, mixing of materials, and waste storage, are recognised as potentially damaging to trees and shall be strictly controlled throughout the construction period.
- 8.2. All deliveries, contractor parking, and material handling shall make use of the existing site accesses and hardstanding areas only.
- 8.3. No materials, plant, equipment, fuels, chemicals, spoil, waste, or site facilities shall be stored within the Root Protection Areas (RPAs) of retained trees, as illustrated on the Tree Protection Plan (reference 595-2241-5/22/2026 TPP).
- 8.4. Storage, loading, unloading, and mixing of materials shall be restricted to the designated locations shown on the Tree Protection Plan and shall be maintained in those locations for the duration of the construction phase.
- 8.5. No storage, parking, access, refuelling, turning of vehicles, or other construction activity shall take place within unsurfaced Tree Protection Areas at any time.
- 8.6. Site huts are not required for the proposed development. Should this position change, any proposed siting of site huts shall be located outside the RPAs of retained trees and shall be subject to prior written agreement with the Local Planning Authority following consultation with the project arboricultural consultant.
- 8.7. Storage locations shall not be altered without prior written approval from the Local Planning Authority in consultation with the project arboricultural consultant.

9. TREE PROTECTION

- 9.1. Exclusion of construction activity from the unprotected recommended root protection areas from the outset will ensure those trees identified for retention are maintained in a safe and healthy condition preventing the following. They should be retained in place for the duration of the development to prevent:
 - Root severance
 - Damage to the bark, branches and trunks
 - Compaction of the soil within the Construction Exclusion Zone
 - Alterations in soil level



- Soil contamination by phytotoxic materials such as herbicides, petrol, oils, diesel, cement and concrete washings or other construction additives

10. Ground Protection

- 10.1. Ground protection will be required where construction activity within or access across the RPA's is necessary. This is to prevent root damage and soil disturbance or compaction and is required for the duration of the development. This will be temporary where incursion is to facilitate the construction and permanent where traffic over the root area is required subsequent to the completion of the development.
- 10.2. Temporary ground protection is required to facilitate activity within the RPA of off-site tree no. 15. Permanent protection is not required from this site.

Temporary Ground Protection

- 10.3. The principle of ground protection is to spread the weight of anything using the area to prevent rutting or soil compaction and prevent any spillage leaching into the soil. It must be fit for purpose and designed to support the expected traffic, in this case pedestrian movement.
- 10.4. Plywood sheets or bespoke ground mats will be sufficient for this site.

11. CONSTRUCTION CONSIDERATIONS

- 11.1. No special construction methods or techniques are required to minimise tree damage on this site, as the proposed works avoid encroachment into the Root Protection Areas of retained trees and the development is of a scale and duration that presents a low risk to tree health.

12. SOFT LANDSCAPING WORKS

- 12.1. Any soft landscaping works within the development area should be in accordance with the approved landscape plan, and any specification of such works approved



by the local planning authority which should adhere to the following British Standard Specifications and Codes of Practice:

- Trees should be supplied packaged in accordance with the recommendations of BS 3936:1992 Part 1 Nursery Stock - Specification for trees and shrubs;
- BS 4428:1989 - Code of Practice for General Landscaping Operations (excluding hard surfaces);
- BS 8545:2014 Trees from Nursery to Independence in the Landscape;
- The Code of Practice for Plant Handling 2002 (Horticultural Trades Association).

12.2. The construction exclusion zone will remain off limits for all site plant and machinery unless fit for purpose ground protection is installed. Pedestrian traffic must be kept to an absolute minimum only permitted for the ground preparation and landscape installation work.

12.3. The landscaping works will need to be undertaken in such a way as to avoid level changes, deep digging or mechanical rotovation. Excavation of planting pits within the RPA can cause serious harm the root system of retained trees. Planting pits within the RPA of retained trees will be excavated by hand to avoid damage to roots greater than 25mm and masses of smaller roots.

13. POST DEVELOPMENT PRESSURES

Future pressure for removal.

The nature and design of the site does not present any unreasonable impacts or pressures on the retained trees and no post development pressures for removal are expected.



ARBORICULTURAL METHOD STATEMENT (Preliminary)

14. METHOD AND PHASING OF WORKS

PRE CONSTRUCTION

- 14.1. Prior to the commencement of any construction works, including site clearance and material storage, temporary ground protection shall be installed to facilitate movement over the root area of tree 15 around the proposed outbuilding.
- 14.2. This is to provide ground protection to the underlying ground and form a platform from which works can be undertaken. Any spoil resulting from the excavation of the footings must not be stored over the root area.
- 14.3. The project arboriculturalist will be on hand to provide advice and/or supervision if required.

CONSTRUCTION

- 14.4. No loading, refuelling, or storage shall take place on the access drive within the RPAs, which shall remain free-draining and unaltered throughout the construction period.
- 14.5. Landscaping works may be necessary prior to the completion of the build. In this case prohibitions on traffic and movement over the Construction Exclusion Zones will remain in effect and activity will require additional fit for purpose temporary ground protection, no machine movements and the transport of materials into these areas will be made manually.
- 14.6. The project arboriculturalist will be on hand to provide arboricultural advice if it is needed.

POST CONSTRUCTION

- 14.7. Barrier fence and temporary ground protection is to be removed.
- 14.8. Site reinstatement and landscaping will be undertaken. Prohibitions on traffic and



movement over the Construction Exclusion Zones will remain in effect and activity will require additional fit for purpose temporary ground protection, no machine movements and the transport of materials into these areas will be made manually.

15. CONTACTS

Organisation	Contact Name	Contact number	Email / online contact
Agent	Wayne Poole, WPD Consultants,		
Harrison Arboriculture	Mark Harrison	07915 847 367	mark@harrisonarboriculture.co.uk
Mid Sussex District Council	Case officer		

16. DECLARATION

- 16.1. The statements in this report are based on information provided by the client. It does not take into account, the effects of extremes of climate, vandalism or accident. Harrison Arboriculture cannot accept liability in connection with these factors, nor where prescribed work is not carried out in a correct and professional manner in accordance with current good practice.
- 16.2. The authority of this report is effective for two years from the date of the survey or when any site conditions change, or pruning or other works unspecified in the Report are carried out to, or affecting, the subject tree(s), whichever is the sooner. It is recommended that a new survey be carried out after twelve months or following any severe weather event or change in the site.

17. CONCLUSION

- No tree removals are required to facilitate the proposals.
- Post development pressures for works on the retained trees are not expected as a result of the proposal.
- This document complies with statutory protection, planning conditions, and BS5837 guidance ensuring that retained trees are safeguarded before, during,



and after construction. All measures are designed to prevent direct or indirect damage, or other adverse impacts, providing long-term protection for retained trees and ensuring that the development is sympathetic to the existing treescape.

- The proposed development would not have adverse impacts on the long-term vitality of the retained trees providing the methodology set out in this document are followed.



APPENDIX A – TREE SCHEDULE

Site: SPINDLES, FURNACE FARM ROAD, FURNACE WOOD, FELBRIDGE, WEST SUSSEX, RH19 2PU

Date: 10 June 2026

* Recommendations are provided based on the initial survey independent of the proposal by default. Recommendations in italics within parentheses relate to works required to facilitate the development as identified by the impact assessment.

Tree no	Species	Height/m	Stem Diameter/mm (no. stems)	Age	Condition		Life Exp / yrs	Canopy Height/m				First Significant Branch Hgt/m	Canopy Spread/m				Comments	Recommendations	Category	Root protection	
					Physiological	Structural		N	E	S	W		N	E	S	W				Radius/m	Area/sqm
T1	Quercus robur (Pedunculate Oak)	24	1100(1)	Mature	Good	Good	40+	10	9	15	15	6(S)	10	8	12	10	Off site. Diameter Estimated.	None required at time of inspection.	A1	13.2	547.46
T2	Quercus robur (Pedunculate Oak)	20	500, 510, 540(3)	Mature	Good	Good	40+	3	5	12	15	6(S)	7	6.5	6	3	No significant defects noted. Stem divides below 1.5 m.	None required at time of inspection.	A1	10.74	362.42
T3	Quercus cerris (Turkey Oak)	20	530(1)	Mature	Good	Good	10+			10	15	6(S)	1	3	5	3	Foliage/bud density thin. Minor dead wood <50mm.	None required at time of inspection.	B2/C1	6.36	127.09
T4	Fagus sylvatica (Beech)	20	390(1)	Mature	Good	Good	10+	3	4	5	15	4(N)	5	5	5	3.5	No significant defects noted.	None required at time of inspection.	A1	4.68	68.82
T5	Fagus sylvatica (Beech)	20	500(1)	Mature	Good	Good	10+	3	5	12	15	5.5(NW)	4	5.5	6.5	5	No significant defects noted. Off site. Diameter Estimated.	None required at time of inspection.	A1	6	113.11
T6	Quercus cerris (Turkey Oak)	20	450(1)	Mature	Good	Good	10+	6		6		5.5(NW)	6	2	7	3	No significant defects noted. Off site. Diameter Estimated.	None required at time of inspection.	A1	5.4	91.62
T7	Quercus robur (Pedunculate Oak)	25	850(1)	Mature	Good	Good	10+	12	8			9(NE)	7	6	7	4	No significant defects noted. Off site. Diameter Estimated. Foliage/bud density thin.	None required at time of inspection.	B1	10.2	326.89
T8	Quercus robur (Pedunculate Oak)	25	750, 800(2)	Mature	Good	Good	10+	15	15	15	15	12(NW)	8	6	8	7	No significant defects noted. Off site. Diameter Estimated. Stem divides below 1.5 m.	None required at time of inspection.	A1	13.16	544.15



Tree no	Species	Height/m	Stem Diameter/mm (no. stems)	Age	Condition		Life Exp / yrs	Canopy Height/m				First Significant Branch Hgt/m	Canopy Spread/m				Comments	Recommendations	Category	Root protection	
					Physiological	Structural		N	E	S	W		N	E	S	W				Radius/m	Area/sqm
G9	Quercus robur (Pedunculate Oak), Prunus laurocerasus (Cherry Laurel), Castanea sativa (Sweet Chestnut), Ilex aquifolium (Holly), Rhodo	25	200(1)	Mature	Good	Good	10+	3	5	12	15	5.5(NW)	8	6	8	7	No significant defects noted. (Straddles boundary)	None required at time of inspection.	C1	2.4	18.1
T10	Castanea sativa (Sweet Chestnut)	18	350, 350, 400, 400, 250(5)	Mature	Fair	Good	10+		6	6	4	6(E)	3	5.5	4	5	Foliage/bud density thin. Major dead wood >50mm. Minor dead wood <50mm.	None required at time of inspection.	B1	9.5	283.57
T11	Fagus sylvatica (Beech)	20	530(1)	Mature	Good	Good	10+	6	4.5	4	10	5.5(NW)	7	5	3	5.5	(Dead verticle stem in upper canopy)	None required at time of inspection.	B1	6.36	127.09
T12	Prunus 'Kanzan' (Cherry)	4	380(1)	Mature	Good	Good	10+	2	2	3	2	1.2(SE)	3	3	3.5	3	No significant defects noted.	None required at time of inspection.	C1	4.56	65.33
T13	Amelanchier lamarckii (Snowy Mespil)	5.5	120(1)	Semi Mature	Fair	Good	10+	2	2	3	2	1.5(S)	2	1	1	2.5	No significant defects noted.	None required at time of inspection.	C1	1.44	6.52
T14	Amelanchier lamarckii (Snowy Mespil)	5.5	130(1)	Semi Mature	Fair	Good	10+	2	2	2	2	1.5(NE)	2	1.5	1	1.5	No significant defects noted.	None required at time of inspection.	C1	1.56	7.65
T15	Betula pendula (Birch)	20	250(2)	Early Mature	Good	Good	10+	4	6	4	3	5.5(NW)	6	3	4	3.5	No significant defects noted. Off site. Diameter Estimated.	None required at time of inspection.	B1	4.25	56.75
T16	Quercus robur (Pedunculate Oak)	20	640(1)	Mature	Good	Good	10+		6	5	4	4(S)	0	6	8	6	No significant defects noted.	None required at time of inspection.	B1	7.68	185.32
T17	Castanea sativa (Sweet Chestnut)	20	670(1)	Mature	Fair	Poor	10+	6	6	6	6	4(E)	3	4	5	5	Basal decay. (Old coppice stool. Live stem grown around old dead stem stumps previously removed.)	None required at time of inspection.	C1	8.04	203.1
T18	Betula pendula (Birch)	20	400, 350(2)	Mature	Fair	Poor	10+	6	6	4	10	5(N)	6	6	6	6	Basal decay. (Old coppice stool. Live stem grown around old dead stem stumps previously removed.)	None required at time of inspection.	C1	6.38	127.89



Key

1. Tree Ref No:

This relates to the numbers on the plan. Where trees have been tagged, the tag number will be used as the tree reference number. Individual trees are not prefixed and prefixed with a G, W or H represent a group, woodland or hedge respectively.

2. Species:

The name given is the Latin name by default. Where common names are given they are shown in parentheses.

3. DBH (Diameter at breast height):

This is the stem diameter at 1.5 metres (breast height) above ground level, given in millimetres. Where trees are multi-stemmed trees the square root of the combined stem diameter is calculated.

4. H (Height):

The height of the tree measured where possible or estimated and recorded in metres.

5. Canopy Spread (Crown radius):

The average crown spread taken from the centre of the trunk to the tips of the live lateral branches given in metres. Measurements following the compass points North, East, South and West.

6. Canopy height:

Ave - Average Crown Height Clearance: (HaB Height above ground) — ground clearance of the canopy for each cardinal point given in metres.

7. First significant branch

The height of the first significant branch the direction of which is shown in parentheses.

8. Age:

Age assessment is based on growth stages rather than actual age in years and are recorded as follows

Y Young



SM Semi Mature – having reached up to 1/3 life expectancy

EM Early mature - having reached 1/3 of the expected life expectancy and is transitioning into maturity.

M Mature - over 2/3 life expectancy

OM Over-mature - fully mature, past peak condition and beginning to decline

V Veteran - trees of interest biologically, aesthetically or culturally because of significant age.

9. Condition

Physiological – Assessment of the overall health and vigour of the tree compared to what would normally be considered typical of a healthy tree of the species.

Condition categories are given as good, fair, poor or dead.

Structural – Assessment of the structural stability of the tree based on visible signs of decay, damage, genetic weaknesses or faults. Structural categories are given as good, fair, poor or dead

10. Life Expectancy:

An estimate of the potential worthwhile remaining contribution – future life expectancy of the tree(s) in the present setting given normal circumstances, given in years (< = less than > = greater than) categorised <10 years, 10 – 20 years, 20 – 40 years and > 40 years.

11. Category:

A quality assessment of the trees based on criteria detailed in BS5837:2012 Table 1

U: Trees unsuitable for retention

A: Those of high quality and value

B: Those of moderate quality and value

C: Those of low quality and value

Assessments are based on their condition on the day of inspection and cannot account for future changes in circumstances.

12. Recommendations:

Preliminary management recommendations in relation to the proposed



development are made where appropriate. These may include remedial tree works that are deemed necessary to improve the quality of the tree or for safety reasons. Recommended tree works will be required to be in accordance with British Standard 3998:2010 Tree Work.

13. Root Protection

Radius – nominal circle centred at the stem centre providing the recommended radius of a circular area necessary for the continue wellbeing of the tree based on recommendations provided in British Standard 5837:2012

Area – The area necessary for the continue wellbeing of the tree based on recommendations provided in British Standard 5837:2012



Table 1

Category and definition	Criteria			Identification on plan
Category U Those in such a condition that 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</i>			DARK RED
TREES TO BE CONSIDERED FOR RETENTION				
Category and definition	Criteria — Subcategories			Identification on plan
	1 Mainly arboricultural values	2 Mainly landscape values	3 Mainly cultural values, including conservation	
Category A Tree 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 essential components of groups, or of 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)	LIGHT GREEN
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 remediable defects including unsympathetic past management and minor storm damage) such that they are unlikely to be suitable for retention beyond 40 years; of trees lacking the special quality necessary to merit A categorisation	Trees present in numbers, usually as groups or woodlands, such that they form distinct landscape features, thereby attracting a higher collective rating than they might as individuals but which are not, individually, essential components of formal or semi-formal arboricultural features (e.g. trees of moderate quality within an avenue that includes better, A category specimens), or trees situated mainly internally to the site, therefore individually having little visual impact on the wider locality	Trees with material conservation or other cultural benefits	MID BLUE
Category C. Trees of low quality with an estimated life expectancy of at least 10 years, or younger 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 landscape value, and/or trees offering low or only temporary screening benefit	Trees with very limited conservation or other cultural benefits	GREY
	NOTE Whilst C category trees will usually not be retained where they would impose a significant constraint on development, young trees with a stem diameter of less than 150 mm should be considered for relocation			



Appendix B – Generic information

TREE SURVEY

Scope and Limitations of Survey

1. This survey and report are concerned with the arboricultural aspects of the site only.
2. Only trees of significant stature were surveyed. Trees with a stem diameter of less than 75mm when measured at 1.5m above ground level (DBH) have been excluded unless they have particular merit that warrants comment.
3. The survey is restricted to trees that will be affected by the development within and adjacent to the site in accordance with guidelines detailed in British Standard 5837:2012 and with good practice as promoted by the Arboricultural Association and Arboricultural and Forestry Advisory Group (AFAG).
4. This survey is based on a ground level tree assessment and examination of external features only — described as the 'Visual Tree Assessment' (Mattheck and Breloer, The Body Language of Trees, DoE booklet Research for Amenity Trees No. 4, 1994). Although the structural conditions of the trees are considered and remedial action may be recommended it does not constitute a comprehensive Health and Safety report and if one is required it should be commissioned separately. No tissue samples were taken or internal investigations carried out.
5. No soil samples were taken or soil analyses carried out and the risk of tree-related subsidence to structures has not been assessed.
6. Consideration should be given to the timing of the proposed tree works to avoid the active growing period of trees. Tree work should ideally be carried out during the dormant period from November through to February and then again from June to August.
7. Although considered and wildlife habitat potential highlighted, no specific wildlife assessment has been carried out. It should be noted that The Wildlife and Countryside Act 1981, as amended by the Countryside Rights of Way Act 2000 and Conservation - Natural Habitats -Regulations 1994 provides statutory



protection to birds, bats and other species that inhabit trees.

8. This report should be read in conjunction with the Tree Protection Plan. The position of all trees and existing or proposed features are based on the plans provided by the client or other instructed professionals. Where trees have been omitted from the plans provided their position has been estimated or where possible plotted by triangulation.

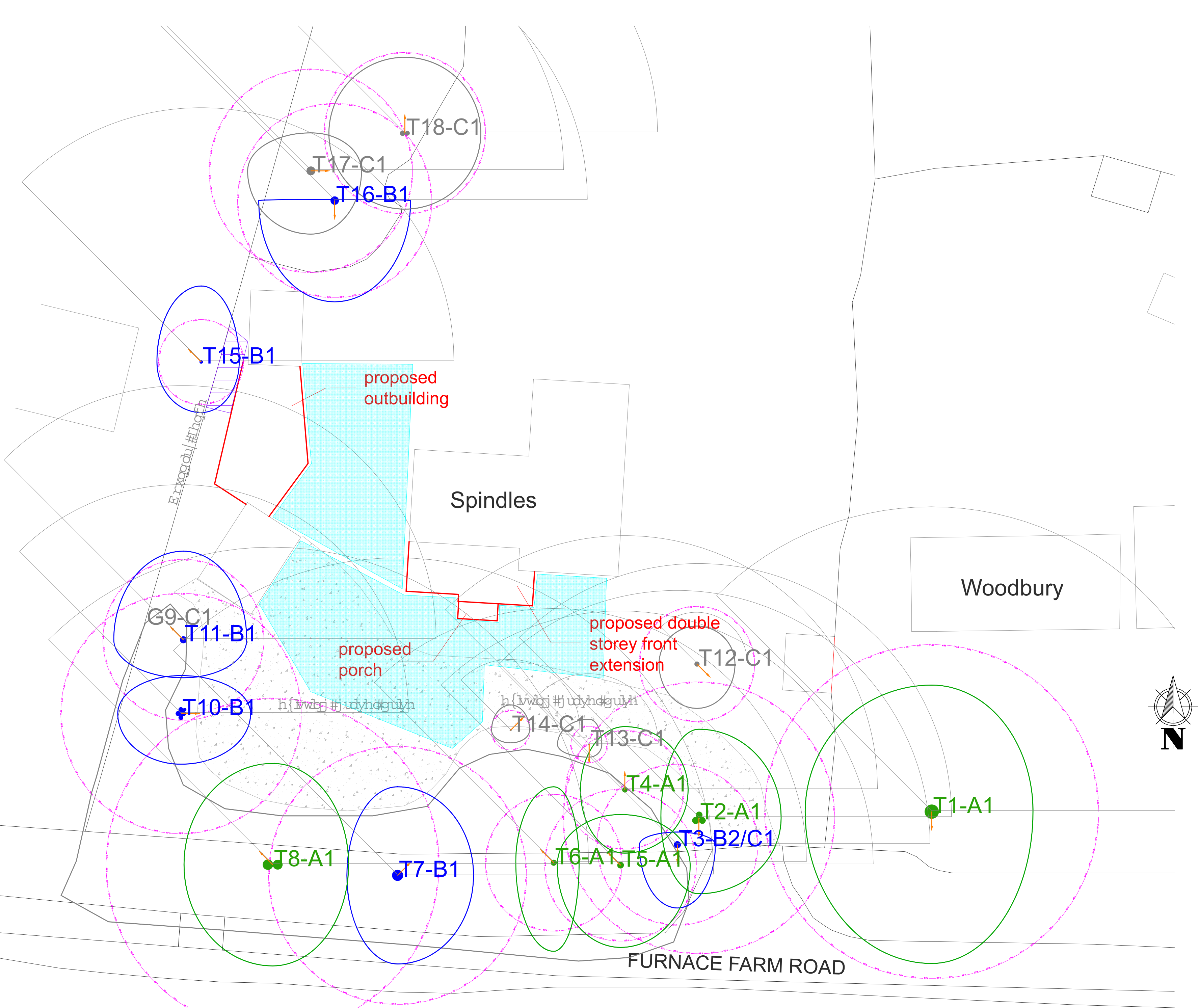
Survey Method

1. In order to provide a systematic and consistent evaluation of the trees situated on the site, the following methodology was used in accordance with BS 5837: 2012.
2. The stem diameters of single stemmed trees were measured in millimetres at 1.5m above ground level (DBH). Multi-stemmed trees were measured at 1.5m above ground level and the RPA arrived at as per section 4.6a BS 5837:2012.
3. The height of visible trees was measured using a clinometer and estimated visually where view to the upper canopy obstructed.
4. The crown radii were measured where possible or estimated where access is restricted and are given for each cardinal point.
5. Where access to trees was obstructed or obscured, dimensions have been estimated.
6. Each tree has been assessed in terms of its arboricultural, landscape, cultural and conservation values in accordance with BS 5837: 2012 which are detailed in the Tree Schedule.

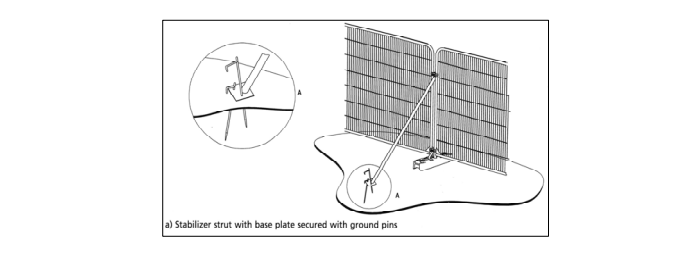


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- Legend**
- Category A trees - Trees of high quality and value such that they make a substantial existing and future contribution for an expected 40 years or more.
 - Category B trees - Trees of moderate quality and value such that they make a significant future contribution for an expected 20 years or more.
 - Category C trees - Trees of low quality and value which might be expected to remain for around 10 years or less or with stems of less than 150 mm diameter.
 - Category U trees - Trees of low quality and value which are considered to have little or no potential due to disease or defects.
 - Number suffixes relate to the subcategories 1, 2 and 3 which are intended to reflect arboricultural, landscape and cultural values respectively.
 - Direction of the first significant branch
 - The root protection area is the theoretical area considered necessary to provide sufficient room for the root growth required to support the tree - activity impacting the soil should be avoided.
 - Barrier fence to be installed as per BS5837, section 6, Figure 3.



- Material storage and mixing to be confined to these areas.
 - Temporary ground protection provides protection to roots and underlying soil within the RPA's of retained trees during the development to provide work space.
 - Proposals
 - The shade prediction is based on guidance provided by Building Research Establishment (BRE) in Site Layout Planning for Daylight and Sunlight - A guide to good practice (BRE, 1991). It provides an estimate of the shaded area.
- 0 2 4 6 8m

CLIENT	WDP Consultants									
SITE	SPINDLES, FURNACE FARM ROAD, FURNACE WOOD, FELBRIDGE, WEST SUSSEX, RH14 2PU									
DRAWING	Title	Tree Protection Plan								
	Version	D.1			Revision	A				
	Base plan ref.	OS Mastermap / Prelim.Planning revC arb.copy								
DRAWING NO.	23112752/12/2019 TPP									
SCALE	1:200 @ A2									
DATE	23 June 2024									
DRAWN BY	M.Harrison									
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