Arboricultural Constraints Appraisal

in Relation to Proposed Demolition of Agricultural Building and Extension of Existing Property at

Mill Race Cottage, White Carr Lane, Dilworth Bottoms, Ribchester, Lancashire, PR3 3ZB

Prepared by:

Bowland

August 2022

CONTENTS

Unit Two
11 Cannon Street
Preston
Lancashire
PR1 3NR

T: 01772 437150

Ground Floor
14 Castlegate
Penrith
Cumbria
CA11 7HZ

T: 01768 744450

E: info@bowlandtreeconsultancy.co.uk

ARBORICULTURAL CONSTRAINTS APPRAISAL
MILL RACE COTTAGE, WHITE CARR LANE, RIBCHESTER

PROJECT DETAILS

Project No.:	BTC2556
Site:	Mill Race Cottage, White Carr Lane, Ribchester, PR3 3ZB
Client:	Wade Group
Council:	Ribble Valley Borough Council
Survey Date:	16 August 2022
Surveyed by:	[redacted]
Prepared by:	[redacted]
Checked by:	[redacted]
Date of Issue:	25 August 2022
Version No:	1

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DISCLAIMER

Survey Limitations: Unless otherwise stated all trees are surveyed from ground level using non-invasive techniques. The disclosure of hidden crown and stem defects, in particular where they may be above a reachable height or where trees are ivy clad or in areas of ground vegetation, cannot therefore be expected. All obvious defects, however, are reported. Detailed tree safety appraisals are only carried out under specific written instructions. Comments upon evident tree safety relate to the condition of said tree at the time of the survey only.

Unless otherwise stated all trees should be re-inspected annually in order to appraise their on-going mechanical integrity and physiological condition. It should, however, be recognised that tree condition is subject to change, for example due to the effects of disease, decay, high winds, development works, etc. Changes in land use or site conditions (e.g. development that increases access frequency) and the occurrence of severe weather incidents are also significant considerations with regards tree structural integrity and trees should therefore be re-assessed in the context of such changes and/or incidents and inspected at intervals relative to identified and varying site conditions and associated risks.

Where trees are located wholly or partially on neighbouring private third-party land then said land is not accessed and our inspection is therefore restricted to what can reasonably be seen from within the site. Stem diameters of trees located on such land are estimated. Any subsequent comments and judgments made in respect of such trees are based on these restrictions and are our preliminary opinion only. Recommendations for works to neighbouring third-party trees are only made where a potentially unacceptable risk to persons and/or property has been identified during our survey. Where significant structural defects of third-party trees are identified and associated management works are considered essential to negate any risk of harm and/or damage then we will first attempt to inform the site occupier of the issues and, if not possible, then inform the relevant Council. Where a more detailed assessment is considered necessary then appropriate recommendations are set out in the Tree Survey Schedule.

Where tree stem locations are not included on the plan(s) provided then they are plotted at the time of the survey using, where appropriate and/or practicable, a combination of measurement triangulation and GPS co-ordination. Where this is not possible then locations are estimated. Restrictions in these respects are detailed in the report.

The tree survey and any report information provided is intended as a guide to identify key tree related constraints to site development only. As such, the potential influence of trees upon existing or proposed buildings or other structures resulting from the effects of their roots abstracting water from shrinkable load-bearing soils is not considered herein. The tree survey information in its current form should not therefore be considered sufficient to determine appropriate foundation depths for new buildings. Accordingly, an updated survey, with reference to the current NHBC Standards Chapter 4.2 - Building Near Trees, must therefore be prepared for the specific purpose of informing suitable foundation depths subsequent to planning approval being granted. The advice of a structural engineer must also be sought with regard to appropriate foundation depths for new buildings.

Third Parties: Any disclosure of this document to a third party is subject to this disclaimer. The report was prepared by Bowland Tree Consultancy Ltd at the instruction of and for use by our client, as named. This report does not in any way constitute advice to any third party who is able to access it by any means. Bowland Tree Consultancy Ltd excludes to the fullest extent lawfully permitted all liability whatsoever for any loss or damage arising from reliance on the contents of this report.

Statutory Tree Protection: It is the client's responsibility to check for the presence of any statutory tree protection measures, such as the site's location within a Conservation Area and/or the presence of any Tree Preservation Orders, directly with the applicable Council's planning department prior to scheduling or carrying out any tree works. In turn, it is also the client's responsibility to check for the need for a felling licence with the Forestry Commission prior to scheduling or carrying out any tree works. Bowland Tree Consultancy Ltd cannot be held responsible for any decisions made by the client to prune or remove trees where any such statutory protection exists.

Liability: This report was prepared for the sole use of 'The Client' and, where applicable, the client's 'Agent', in accordance with the agreement under which the services were instructed. No warranty, express or implied, is made as to the advice in this report or any other service provided by Bowland Tree Consultancy Ltd. This report may not be relied upon by any other party except the client or any third party for whom the report is intended without the prior written permission of Bowland Tree Consultancy Ltd. The content of this report is, at least in part, based upon information provided by secondary data sources and on the assumption that all relevant information has been provided by those parties from whom it has been requested. Information obtained from any third party has not been independently verified by Bowland Tree Consultancy Ltd, unless otherwise stated in the report.

Validity: The findings and recommendations contained within this report are, providing its recommendations are observed and the site conditions are retained as per the date(s) of the survey, valid for a period of twelve months from the last survey date. This period of validity may be reduced should there be any changes in factors affecting both the surrounding environment and/or built structures in relative proximity to the trees. The condition of trees should be re-appraised directly, through a site survey, following major weather events such as storms, changes undertaken to the site's conditions, inclusive of demolition and/or ground works, or the removal of existing site vegetation, including trees.

TREE SURVEY SCHEDULE FOR ARBORICULTURAL CONSTRAINTS APPRAISAL			
Site:	Mill Race Cottage, White Carr Lane, Dilworth Bottoms, Ribchester, Lancashire, PR3 3ZB	**Survey Date:**	16 August 2022
Client:	Wade Group	**Job Reference:**	BTC2556

Surveyor: [redacted]

No.	Species	Height	Stem Diam.	Branch Spread	Branch & Canopy Clearances	Life Stage	PC	General Observations and Comments	Management Recommendations	ERC	Cat. Grade	RPA (m²)	RPA Radius (m)
T1	Dawn Redwood	16	660	N 6 E 5 S 5 W 5	2 0	EM	G	▪ No significant visible defects at time of survey.	▪	40+	A1	197	7.92
T2	Jacquemont's Birch	15	1x300 1x150 (ts)	N 5 E 6.5 S 5 W 3	0 1	EM	G	▪ Stem bifurcates at ground level. ▪ Several pruning wounds up to 100mm diameter at 1m height from works to raise canopy, with associated desiccation of wood. ▪ Moderate stem leans to north east and moderately biased canopy east due to suppression by T1.	▪	20+	C1	51	4.02
T3	Sargent Cherry	3	80	N 3.5 E 2 S 0 W 2	N/A 1	Y	M	▪ Severe stem lean and canopy bias north.	▪	10+	C1	3	0.96
T4	Common Alder	16	660	N 7 E 4 S 2 W 7	N/A 1	M	G	▪ Located on north bank of watercourse. ▪ Moderately severe canopy bias north-west due to neighbouring trees.	▪	20+	B1	197	7.92
T5	Common Ash	20	590	N 10 E 8 S 4 W 9	5-NW 4	M	M	▪ Canopy showing moderate twig dieback throughout due to colonisation by Ash Dieback Disease (ADD), with correlating relatively short projected remaining life expectancy. ▪ Canopy highly biased to north over and close to agricultural building, with multiple branch stubs up to 100mm diameter from previous pruning works to clear building.	▪	<10	U	157	7.08
T6	Common Ash	18	1x470 1x370 (ts)	N 8 E 8 S 5 W 7	N/A 5	EM	P	▪ Severe twig and tertiary branch dieback due to colonisation by ADD, with approximately 50% live canopy remaining and correlating relatively short projected remaining life expectancy.	▪	<10	U	162	7.18

Headings and Abbreviations:

No. Allocated sequential reference number - Tree ('T'), Group ('G'), Woodland ('W') or Hedge ('H') reference number - refer to plan and to numbered tags where applicable
Species: Common name
Height: In metres, to half nearest metre – where possible approximately 80% are measured using an electronic clinometer and the remainder estimated against the measured trees. In the case of Groups and Woodlands the measurement listed is that of the highest tree
Stem Diam.: Stem diameter in millimetres, to nearest 10mm - measured and calculated as per Annex C of BS5837:2012. MS = multi-stemmed, TS = twin-stemmed
Branch Spread: Crown radius measured (or estimated where considered appropriate) from the four cardinal points (north, east, south and west) to give an accurate visual representation of the crown
Branch & Canopy Clearances: Existing height above ground level, in metres, of first significant branch and direction of growth (e.g. 2.5-N) and of canopy at lowest point – to inform on crown to height ratio, potential for shading, etc.
Life Stage: Estimated age class - Y = young, SM = semi-mature, EM = early-mature, M = mature, PM = post-mature
PC: Physiological Condition - a measure of the tree's(s)' overall vitality, i.e. D = Dead, MD = Moribund, P = Poor, M = Moderate, G = Good
General Observations and Comments: Comments relating to the tree'(s)' overall condition and any other pertinent factors including structural defects, current and potential direct structural damage, physiological decline, poor form, etc.
Management Recommendations: Either Preliminary or In Consideration of the Proposal - In the case of Arboricultural Constraints Surveys the recommended management works only take exiting site and tree circumstances and conditions into account and not proposed developments. Arboricultural Impact Assessment and Method Statement related Surveys take the proposed development into consideration with recommendations made accordingly. More than one option may be given if considered appropriate
ERC: Estimated Remaining Contribution - in years as per BS5837:2012 (i.e. <10, 10+, 20+, 40+)
Cat. Grade: Category Grading - tree retention value listed as U, A, B or C - in accordance with BS5837:2012 Table 1
RPA m²: Root Protection Area in m² - calculated area around the tree that must be appropriately protected throughout the development process in order avoid root damage
RPA Radius (m): Root Protection Area Radius - in metres measured from the centre of the stem to the line of tree protection
 # (Estimated Dimensions): Where trees are located off-site, or are inaccessible for any other reason, and accurate measurements or other information cannot be taken then the information provided is estimated and is duly suffixed with a "#" symbol

TREE SURVEY SCHEDULE FOR ARBORICULTURAL CONSTRAINTS APPRAISAL		Surveyor:	[redacted]	Page: 2 of 4
Site:	Mill Race Cottage, White Carr Lane, Dilworth Bottoms, Ribchester, Lancashire, PR3 3ZB	Survey Date:	16 August 2022	
Client:	Wade Group	Job Reference:	BTC2556	

No.	Species	Height	Stem Diam.	Branch Spread		Branch & Canopy Clearances	Life Stage	PC	General Observations and Comments	Management Recommendations	ERC	Cat. Grade	RPA (m²)	RPA Radius (m)
T7	Common Ash	17	350#	N E S W	4.5 4.5 4.5 4.5	N/A 8	EM	G	▪ Located at base of very steep bank adjacent to watercourse and not accessed to inspect in detail. ▪ Dense ivy to stem impeding inspection.	▪	10+	C1/2	55	4.2
T8	Wych Elm	9.5	200	N E S W	4.5 2 2 4.5	2.5 1	SM	G	▪ Highly biased canopy north-east due to suppression by adjacent trees.	▪	10+	C1	18	2.4
T9	Common Ash	15.5	320	N E S W	3 4 4 5	2.5 2	EM	G	▪ Stem bifurcates at approximately 2.5m height with wide union.	▪	10+	C1	46	3.84
T10	Common Ash	15.5	2x320 (ts)	N E S W	3 3 4 5	3-S 2.5	EM	M	▪ Lower canopy showing minor twig dieback due to colonisation by ADD, with correlating short projected remaining life expectancy. ▪ Dense ivy to stems impeding inspection. ▪ Canopy evidently pruned on north side away from high voltage overhead power lines.	▪	<10	U	93	5.43
T11	Crab Apple	6	160	N E S W	1 5 4 3	1.9 1	SM	M	▪ Evidence of bacterial Fireblight colonisation in canopy. ▪ Canopy suppressed on north side by adjacent group G8.	▪	10+	C1	12	1.92
T12	Japanese Larch	11	290	N E S W	6 6 7 6.5	2.5-S 0	SM	M-G	▪ Wide spreading habit indicating tree has possibly previously been topped at approximately 3m height.	▪	10+	C1	38	3.48
T13	Common Beech	7	140	N E S W	3 5 4 1	N/A 0	SM	G	▪ Understorey tree on neighbouring land to north behind shed. ▪ Not accessed to inspect or view in detail.	▪	10+	C1	9	1.68
G1	2no. Sycamore 1no. Common Alder	≤ 17	≤ 490	N E S W	≤ 6.5 ≤ 7.5 ≤ 7 ≤ 6	N/A ≥ 1	M	G	▪ Stems arise from east bank of watercourse approximately 1m lower than garden. ▪ Alder to north has multiple stems from ground level. ▪ Stem bases not accessed to inspect in detail. ▪ Canopies moderately low over driveway entrance but clearance of 4-5m could easily be achieved by pruning/removal of tertiary branches over bridge <60mm diameter.	▪	20+	B1/2	≤ 195	≤ 7.88

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Client:	Wade Group	**Job Reference:**	BTC2556

Surveyor: [redacted]

No.	Species	Height	Stem Diam.	Branch Spread		Branch & Canopy Clearances	Life Stage	PC	General Observations and Comments	Management Recommendations	ERC	Cat. Grade	RPA (m²)	RPA Radius (m)
G2	3no. Leyland Cypress	≤ 17	≤ 400	N E S W	≤ 4 ≤ 4 ≤ 4 ≤ 4	N/A ≥ 0	EM	M	▪ Very closely spaced linear group between road and retaining wall down to watercourse, with ownership subsequently unclear. ▪ Lower canopy evidently mechanically managed on road side with little live foliage to approximately 3m height. ▪ Stems located in very close proximity to water meter cover and fire hydrant marker, and canopies impinging on overhead telephone lines.	▪ Client to confirm ownership. ▪ Tree owner(s) may wish to consider removal over long term due to potential for displacement of retaining wall and water meter housings, encroachment into road and telephone lines and impingement on canopies of better quality trees to east.	10+	C1	≤ 72	≤ 4.8
G3	3no. Lawson Cypress, 1no. Holly	≤ 10.5	≤ 280	N E S W	≤ 3 ≤ 3 ≤ 3 ≤ 3	N/A 0	EM	M-G	▪ Ornamental Lawson Cypress in very closely spaced group. ▪ Low canopies to ground restricted access to stem bases. ▪ One Lawson Cypress and Holly to centre are smaller and severely suppressed.	▪	10+	C1	≤ 87	≤ 5.27
G4	approx. 15no. Lawson Cypress	≤ 17	≤ 420	N E S W	≤ 3.5 ≤ 3.5 ≤ 3.5 ≤ 3.5	N/A ≥ 0	M-EM	G	▪ Very closely to moderately spaced linear group. ▪ Stems located between existing agricultural building and watercourse and canopies impinging on building to north.	▪	20+	C1	≤ 80	≤ 5.04
G5	1no. Ash, 1no. Common Elder	≤ 9	≤ 200	N E S W	≤ 3 ≤ 1 ≤ 3 ≤ 2	N/A ≥ 2	SM-PM	D	▪ Two dead trees located at base of banking with dense ivy. ▪ Not accessed to inspect in detail.	▪	<10	U	N/A	N/A
G6	1no. Common Ash, 1no. Wych Elm	≤ 5	≤ 110	N E S W	≤ 3 ≤ 3 ≤ 3 ≤ 3	N/A ≥ 0	Y	G	▪ Understorey group and not accessed to inspect in detail.	▪	10+	C1	≤ 5	≤ 1.32
G7	approx. 6no. Leyland Cypress	≤ 8.5	≤ 260#	N E S W	≤ 2 ≤ 2 ≤ 5 ≤ 2	N/A ≥ 0	SM	M	▪ Located on neighbouring land beyond dry stone wall and not accessed to inspect in detail. ▪ Evidently previously topped at approximately 3 and 6m heights to maintain clearance to high voltage overhead power lines.	▪	10+	C1	≤ 31	≤ 3.12
G8	12no. Leyland Cypress	≤ 8	≤ 150#	N E S W	≤ 3 ≤ 3 ≤ 3 ≤ 3	N/A ≥ 0	SM	G	▪ Very closely spaced linear group forming boundary feature. ▪ Located on neighbouring land to north of dry stone wall and not accessed to inspect in detail.	▪	10+	C1	≤ 10	≤ 1.8
G9	Ash, Alder, Common Horse Chestnut	≤ 19	≤ 650	N E S W	≤ 10 ≤ 8 ≤ 8 ≤ 8	N/A ≥ 0	M	M-G	▪ Moderately closely spaced group on neighbouring land to south and east of watercourse, and not accessed to inspect in detail. ▪ Dense low canopies, buildings and other trees to north restricted visibility from northern bank. ▪ RPAs not projected to encroach into site due to topography, however, canopies evidently overhang into site in parts.	▪	20+	B1/2	≤ 191	≤ 7.8

TREE SURVEY SCHEDULE FOR ARBORICULTURAL CONSTRAINTS APPRAISAL		Surveyor:	[redacted]	Page: 4 of 4
Site:	Mill Race Cottage, White Carr Lane, Dilworth Bottoms, Ribchester, Lancashire, PR3 3ZB	Survey Date:	16 August 2022	
Client:	Wade Group	Job Reference:	BTC2556	

No.	Species	Height	Stem Diam.	Branch Spread	Branch & Canopy Clearances	Life Stage	PC	General Observations and Comments	Management Recommendations	ERC	Cat. Grade	RPA (m^2)	RPA Radius (m)
H1	Common Hawthorn	≈ 2	N/A	≈ 1.5m wide	N/A ≥ 0	SM	G	▪ Evidently normally managed at 1.5m height and 1.5m wide. ▪ Currently slightly taller and wider as evidently untrimmed this season.	▪	20+	C2	N/A	≈ 1

BS5837:2012 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 *Note: Category U trees can have existing or potential conservation value which it might be desirable to preserve; see BS5837:2012 paragraph 4.5.7.*			Red
	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)	Green
Category B Those of moderate quality and value: those in such a condition as to make a significant contribution. A minimum of 20 years is suggested.	Trees that might be included in the high category, but are downgraded because of impaired condition. Examples include the presence of remediable defects including unsympathetic past management and minor storm damage	Trees present in numbers, usually as groups or woodlands, so they form distinct landscape features which attract a higher collective rating than they might as individuals. But which are not, individually, essential components of formal or semi-formal arboricultural features. For example, trees of moderate quality within an avenue that includes better, A category specimens. Or trees which are internal to the site, therefore individually having little visual impact on the wider locality	Trees with clearly identifiable conservation or other cultural benefits	Blue
Category C Those trees of low quality and value: currently in adequate condition to remain until new planting could be established - a minimum of 10 years is suggested - or young trees with a stem diameter below 150 mm	Trees not qualifying 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 150mm should be considered for relocation			

- TEMPORARY PROTECTIVE FENCING SPECIFICATION -

Construction Exclusion Zones (CEZs), enclosed by **Temporary Protective Fencing**, as detailed below and to be agreed with the Local Planning Authority (LPA), shall:

1. be retained in place throughout the development process, as specified in the 'Temporary Protective Fencing Construction' section below and detailed in BS5837:2012 Figure 2 (overleaf);
2. be sited in the area(s) defined by the Root Protection Areas or, if applicable, the Construction Exclusion Zones, as detailed on the associated Tree Plan;
3. be erected prior to any construction, demolition or excavation works and remain in place for the duration of the project;
4. preclude any delivery of site accommodation and/or materials and/or plant machinery;
5. preclude all construction related activity, with the sole exception of specified arboricultural works and any other works to be carried out under supervision that have been agreed by all parties; and
6. preclude the storage of all development related materials and substances including fuels, oils, additives, cement and/or any other deleterious substance.

Any incursion into CEZs must be by prior arrangement, following consultation with the LPA.

Temporary Protective Fencing Construction

1. Temporary protective fencing panels shall be weldmesh "Heras" panels of at least 2.0 metres in height.
2. The panels shall butt together and be securely fixed to a scaffold framework, as per 3 to 5 below.
3. The scaffold framework shall comprise of upright poles of at least 3.0 metres in length driven no less than 0.6 metres into the ground at maximum 3.0 metre centres with horizontal and diagonal poles fixed to the uprights, as per 4 to 5 below.
4. The two horizontal rail poles shall be attached to the uprights at heights of 0.6 and 1.8 metres with 3 no. clamps to each joint.
5. The diagonal scaffold pole struts be clamped to the top rail of the scaffold framework at a 45º angle and extend back into the CEZ and clamped to a 0.7 metre length of scaffold tube that shall be driven no less than 0.5m into the ground.
6. No fixing shall be made to any tree and all possible precautions shall be taken to prevent damage to tree roots when locating posts.
7. A 600mm x 300mm warning sign reading "TREE PROTECTION AREA KEEP OUT" (see Figure 1, below) shall be fixed to every 10.0 metre length of protective fencing.
8. On completion and prior to any demolition or construction works, site preparation, excavation or delivery of plant and materials, the LPA shall inspect and approve the Temporary Protective Fencing.

Figure 1: CEZ Warning Sign

– TREE PROTECTION AREA –
KEEP OUT!

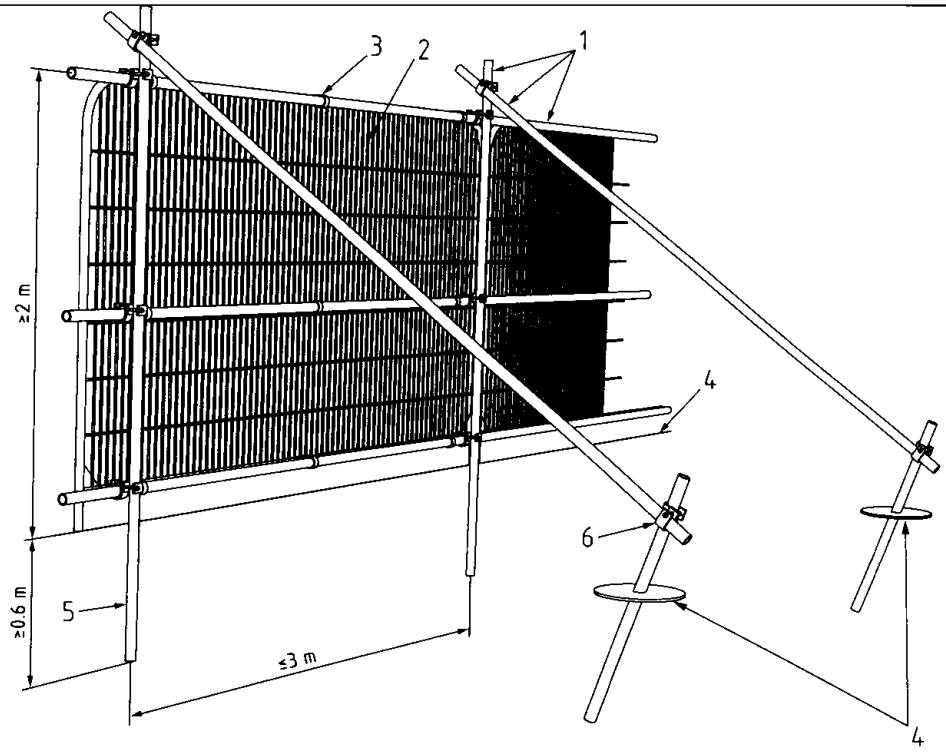
(TOWN & COUNTRY PLANNING ACT 1990)
THE TREES ENCLOSED BY THIS FENCE ARE PROTECTED BY PLANNING CONDITIONS AND/OR SUBJECTS OF A 'TREE PRESERVATION ORDER', THE CONTRAVENTION OF WHICH MAY LEAD TO CRIMINAL PROSECUTION

THE FOLLOWING MUST BE OBSERVED BY ALL PERSONNEL:

- **THE PROTECTIVE FENCING MUST NOT BE MOVED**
- **NO PERSON SHALL ENTER THE CONSTRUCTION EXCLUSION ZONE**
- **NO MACHINE, PLANT OR VEHICLES SHALL ENTER THE EXCLUSION ZONE**
- **NO MATERIALS SHALL BE STORED IN THE EXCLUSION ZONE**
- **NO SPOIL SHALL BE DEPOSITED IN THE EXCLUSION ZONE**
- **NO EXCAVATION SHALL OCCUR IN THE EXCLUSION ZONE**
- **NO FIRES SHALL BE LIT IN THE EXCLUSION ZONE**

ANY INCURSION INTO THE EXCLUSION ZONE MUST BE WITH THE WRITTEN PERMISSION OF THE LOCAL PLANNING AUTHORITY

Figure 2: BS5837:2012 Default specification for protective barrier



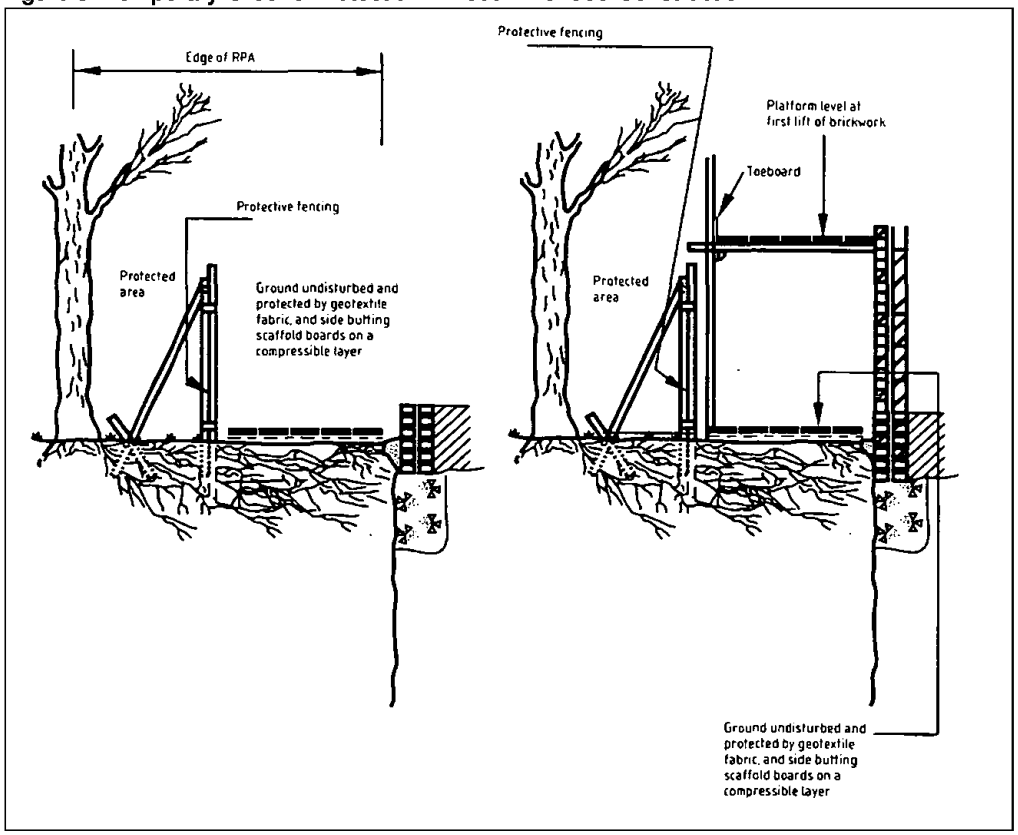
Key

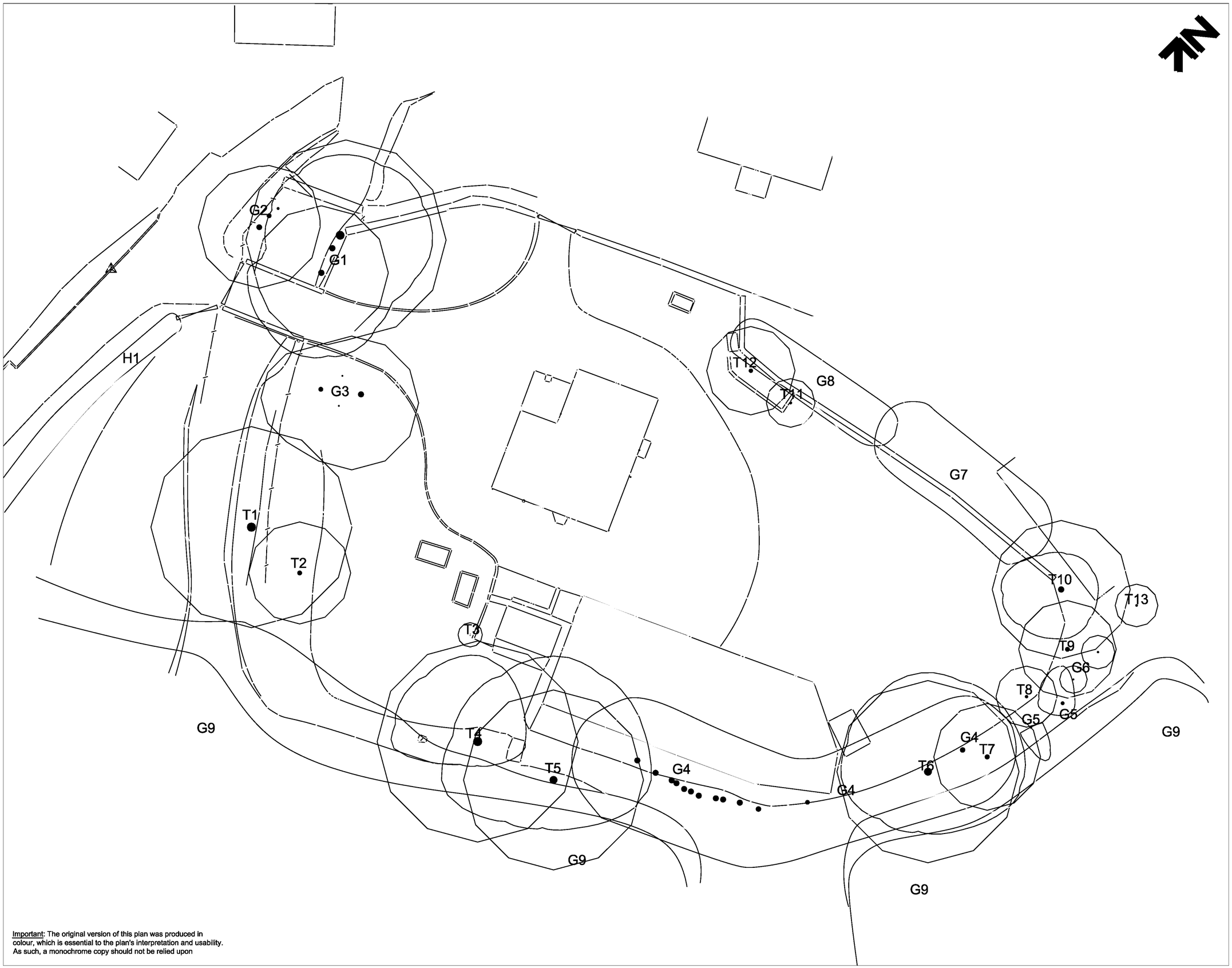
1. Standard scaffold poles.
2. Heavy gauge 2 metre tall galvanised tube and welded mesh infill panels
3. Panels secured to uprights and cross members with wires ties
4. Ground level
5. Uprights driven into the ground until secure (minimum depth 0.6 metres)
6. Standard scaffold clamps

Temporary Ground Protection

1. Any necessary Temporary Ground Protection areas shall conform to Figure 3, below, unless otherwise agreed with the LPA.
2. The Ground Protection Area shall be left undisturbed and covered by a semi-permeable geotextile membrane which shall, in turn, be covered by a compressible layer consisting of a material such as woodchip.
3. Side-butting scaffold boards shall then be fitted to cover the Ground Protection Area.
4. On completion of installation, and prior to any demolition or construction works, site preparation, excavation or delivery of plant and materials, the Consulting Arboriculturist or the LPA Tree Officer, as agreed, shall inspect the Temporary Ground Protection.
5. The Temporary Ground Protection shall remain in place until completion of the project and only removed following receipt of written permission from the LPA.

Figure 3: Temporary Ground Protection – Recommended Construction





Important: The original version of this plan was produced in colour, which is essential to the plan's interpretation and usability. As such, a monochrome copy should not be relied upon

KEY

T = Individual Tree
G = Group of Trees
H = Hedge

Please refer to associated Tree Survey Schedule and appendices for specific details in respect of items below:

Tree Categorisations:

Those to be Considered for Retention:

Category 'A' Tree/Group/Hedge
Those of a High Quality with an Estimated Remaining Life Expectancy of at Least 40 Years

Category 'B' Tree/Group/Hedge
Those of a Moderate Quality with an Estimated Remaining Life Expectancy of at Least 20 Years

Category 'C' Tree/Group/Hedge
Those of Low Quality with an Estimated Remaining Life Expectancy of at Least 10 Years, or Young Trees

Those Considered Unsuitable for Retention:

Category 'U' Tree/Group/Hedge
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

Note: The locations of trees T7 and T13 and the stem locations and full extents of groups G4 to G9 were not included on the topographical survey plan provided, and were subsequently plotted by the arboriculturist at the time of the survey using GPS and, where possible, measurement from existing site features or, where not possible, estimation. As such, the locations of these trees and the locations and extents of these groups cannot therefore be considered to be entirely accurate.

Root Protection Areas (RPAs):

RPAs
Area(s) of Ground Around Trees that Should be Protected Throughout Development Works with Protective Fencing to form a Construction Exclusion Zone - see Temporary Protective Fencing Specification

Project:
MILL RACE COTTAGE
WHITE CARR LANE
DILWORTH BOTTOMS
RIBCHESTER
LANCASHIRE
PR3 3ZB

Client:
WADE GROUP

Title:
TREE CONSTRAINTS PLAN
in Relation to Proposed Demolition of Agricultural Building and Extension of Existing Property

Scale: 1:200@A2
Date: August 2022
Drawn by: [redacted]
Checked by:

Bowland
e: info@bowlandtreeconsultancy.co.uk
t: 01772 437150

Ref: BTC2556-TCP Rev: