



# Arboricultural Constraints Appraisal

in Relation to Proposed Demolition of Existing Detached  
Property and Subsequent Erection of Replacement Property at



**Ingledale, Longsight Road, Clayton-  
Le-Dale, Lancashire, BB1 9EX**

Prepared by:

**Bowland**   
Tree Consultancy Ltd

July 2019

# ARBORICULTURAL CONSTRAINTS APPRAISAL INGLEDALE, LONGSIGHT ROAD, CLAYTON-LE-DALE

---

## CONTENTS

1. TREE SURVEY SCHEDULE & BS5837: 2012 TABLE 1
2. TEMPORARY PROTECTIVE FENCING SPECIFICATION
3. TREE CONSTRAINTS PLAN



### Contact Details

Bowland Tree Consultancy Ltd  
Unit Two  
First Floor  
11 Cannon Street  
Preston  
Lancashire  
PR1 3NR

T: 01772 437150  
E: [info@bowlandtreeconsultancy.co.uk](mailto:info@bowlandtreeconsultancy.co.uk)

**ARBORICULTURAL CONSTRAINTS APPRAISAL  
INGLEDALE, LONGSIGHT ROAD, CLAYTON-LE-DALE**

---

**Control sheet**

**Project No.:** BTC1799

**Site:** Ingledale, Longsight Road, Clayton-Le-Dale, BB1 9EX

**Agent for Client:** Peter Hitchen Architects

**Council:** Ribble Valley Borough Council

**Survey Date:** 7 June 2019

**Surveyed by:** Elizabeth Thompson BSc(Hons) TechArborA

**Prepared by:** Elizabeth Thompson BSc(Hons) TechArborA

**Checked by:** Phill Harris MSc BSc(Hons) MArborA CEnv MICFor

**Date of Issue:** 29 July 2019

**Version No:** 1



**APPENDIX ONE:**

**TREE SURVEY SCHEDULE & BS5837:2012 - TABLE 1**



<b>TREE SURVEY SCHEDULE FOR ARBORICULTURAL CONSTRAINTS APPRAISAL</b>	
<b>Site:</b>	Ingle Dale, Longsight Road, Clayton-Le-Dale, Lancashire, BB1 9EX
<b>Agent for Client:</b>	Peter Hitchen Architects

<b>Surveyor:</b>	Elizabeth Thompson BSc(Hons) TechArborA
<b>Survey Date:</b>	7 June 2019
<b>Job Ref:</b>	BTC1799

No.	Species	Height	Stem Diam.	Branch Spread	Branch & Canopy Clearances	Life Stage	PC	General Observation and Comments	Management Recommendations	ERC	Cat. Grade	RPA (m <sup>2</sup> )	RPA Radius (m)
T1	Common Hazel	5	9x50# (ms)	N 2 E 2 S 2 W 2	N/A 0.5	Y	G	<ul style="list-style-type: none"> <li>Multi-stemmed from ground level.</li> <li>Base and lower stems obscured in dense vegetation.</li> <li>Young Japanese Knotweed shoots growing to north of tree around stem base.</li> </ul>	<ul style="list-style-type: none"> <li>Inform client of presence of Japanese Knotweed in close proximity to tree.</li> </ul>	20+	C1	10	1.8
T2	Apple	6	270	N 1.5 E 2 S 5 W 4#	2.5-SE 4	Y	M	<ul style="list-style-type: none"> <li>Base, stem and crown obscured by dense ivy cover,</li> <li>Moderate amount of deadwood on south-west side to approximately 60mm diameter.</li> <li>Young Japanese Knotweed shoots growing to east of tree around stem base.</li> </ul>	<ul style="list-style-type: none"> <li>Inform client of presence of Japanese Knotweed in close proximity to tree.</li> <li>Sever ivy around circumference of stem base.</li> </ul>	20+	C1	33	3.24
T3	Common Oak	15#	680#	N 5.5# E 5# S 9.5# W 8#	1.5-S 2.5	EM	G	<ul style="list-style-type: none"> <li>Located approximately 1m from almost dry ditch.</li> <li>Dense ivy-covered stem and crown, and therefore not inspected in detail.</li> <li>One primary branch arises to south at a height of approximately 1.5m and several main primary branches arise at approximately 4m.</li> <li>Occasional deadwood throughout crown to approximately 80mm diameter.</li> </ul>	<ul style="list-style-type: none"> <li>Sever ivy around circumference of stem base.</li> </ul>	40+	B1	209	8.16
T4	Goat Willow	11	550	N 5.5 E 5.5 S 4 W 4.5	2.5-E 4	EM	M	<ul style="list-style-type: none"> <li>Twin-stemmed from approximately 1.3m high with an acute union.</li> <li>Tarmac broken up around stem base.</li> <li>Slight stem lean east.</li> <li>Approximately 400mm long x 120mm wide area of bark damage on north-west side of stem at approximately 1m high.</li> <li>Crown previously raised leaving stub pruning cuts.</li> <li>Damage evidently in crown, possibly resultant of vehicular/plant movement.</li> <li>Damaged hanging branch in west of crown at approximately 6m high on 60mm diameter branch.</li> <li>Occasional deadwood throughout crown to approximately 50mm diameter.</li> </ul>		20+	C1	137	6.6

**Headings and Abbreviations:**

<b>No.</b>	Allocated sequential reference number - Tree ('T'), Group ('G'), Woodland ('W') or Hedge ('H') reference number - refer to plan and to numbered tags where applicable
<b>Species:</b>	Common name
<b>Height:</b>	In metres, to nearest half 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
<b>Stem Diam.:</b>	Stem diameter in millimetres, to nearest 10mm - measured and calculated as per Annex C of BS5837:2012. ms = multi-stemmed, ts = twin-stemmed
<b>Branch Spread:</b>	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
<b>Branch &amp; Canopy Clearances:</b>	Existing height above ground level, in metres, of first significant branch and direction of growth (e.g. 2.5-n = 2.5 metres north) and of canopy at lowest point - to inform on crown to height ratio, potential for shading, etc.
<b>Life Stage:</b>	Estimated age class - Y = young, SM = semi-mature, EM = early-mature, M = mature, PM = post-mature
<b>PC:</b>	Physiological Condition - a measure of the tree(s)' overall vitality, i.e. D = Dead, MD = Moribund, P = Poor, M = Moderate, G = Good
<b>General Observations and Comments:</b>	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.
<b>Management Recommendations:</b>	Either Preliminary or In Consideration of the Proposal - In the case of Arboricultural Constraints Surveys the recommended management works only take existing 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
<b>ERC:</b>	Estimated Remaining Contribution - in years as per BS5837:2012 (i.e. <10, 10+, 20+, 40+)
<b>Cat. Grade:</b>	Category Grading - tree retention value listed as U, A, B or C - in accordance with BS5837:2012 Table 1
<b>RPA m<sup>2</sup>:</b>	Root Protection Area in m <sup>2</sup> - calculated area around the tree that must be appropriately protected throughout the development process in order avoid root damage
<b>RPA Radius (m):</b>	Root Protection Area Radius - in metres measured from the centre of the stem to the line of tree protection
<b># (Estimated Dimensions):</b>	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

<b>TREE SURVEY SCHEDULE FOR ARBORICULTURAL CONSTRAINTS APPRAISAL</b>	
<b>Site:</b>	Ingedale, Longsight Road, Clayton-Le-Dale, Lancashire, BB1 9EX
<b>Agent for Client:</b>	Peter Hitchen Architects

<b>Surveyor:</b>	Elizabeth Thompson BSc(Hons) TechArborA
<b>Survey Date:</b>	7 June 2019
<b>Job Ref:</b>	BTC1799

No.	Species	Height	Stem Diam.	Branch Spread	Branch & Canopy Clearances	Life Stage	PC	General Observation and Comments	Management Recommendations	ERC	Cat. Grade	RPA (m²)	RPA Radius (m)
T5	Goat Willow	11	550	N 3 E 6 S 6.5 W 3.5	2-SE 4	EM	M	<ul style="list-style-type: none"> <li>Tarmac broken up around stem base.</li> <li>Ivy in crown, which impeded inspection.</li> <li>Epicormic growth on south side of stem base.</li> <li>Bark damage in three areas on north-west side of stem, from ground level to approximately 1.3m high, with each approximately 300mm long x 250mm wide.</li> <li>Bark damage of approximately 250mm long x 250mm wide on south side of stem at approximately 1m high.</li> <li>Moderate to severe stem lean east.</li> <li>Occasional deadwood throughout crown to approximately 50mm diameter.</li> </ul>		10+	C1	137	6.6
T6	Goat Willow	10	510	N 4.5 E 5.5 S 6 W 6	3-E 3	EM	G	<ul style="list-style-type: none"> <li>Ground levels evidently raised by approximately 150mm on north and east sides of stem.</li> <li>Slight stem lean east.</li> <li>Epicormic growth at stem base to west.</li> <li>Stem trifurcates at approximately 3m high.</li> <li>Bark wound of 350mm long x 200mm wide on west side of stem, from ground level to approximately 400mm, with epicormic growth.</li> <li>Bark wound approximately 80mm wide on north side of stem from ground level to approximately 350mm high.</li> <li>Occasional deadwood throughout crown to 80mm diameter.</li> </ul>		20+	C1	118	6.12
T7	Grand Fir	7#	1x130 1x120 #(ts)	N 2# E 2# S 2# W 2#	N/A 1#	Y	G	<ul style="list-style-type: none"> <li>No access around stem base due to cleared vegetation waste piled up to approximately 1.5m high.</li> <li>Base and stem obscured.</li> <li>Twin stem but no way to identify whether from ground level or higher due to vegetation waste piled up around the stem.</li> </ul>		20+	C1	14	2.12
G1	5no. Elder, 3no. Hawthorn, 2no. Goat Willow	≤ 7#	≤ 200#	N ≤ 4# E ≤ 4# S ≤ 3# W ≤ 3#	1.5-N ≥ 3	Y	G	<ul style="list-style-type: none"> <li>Located to east and west of almost dry ditch.</li> <li>Bases, stems and crowns covered in dense ivy, and therefore not inspected in detail.</li> <li>All trees except one Goat Willow are twin or multi-stemmed.</li> <li>Twin-stemmed Goat Willow has bark wound of approximately 60mm wide x 300 mm long below the bifurcation union at approximately 1m high.</li> <li>Occasional deadwood throughout group to approximately 60mm diameter.</li> </ul>		20+	C1	≤ 26	≤ 2.9
G2	Leyland Cypress	≤ 6	≤ 130	N ≤ 2# E ≤ 2# S ≤ 2 W ≤ 2	N/A 0	Y	G	<ul style="list-style-type: none"> <li>Closely spaced group.</li> <li>One tree is twin-stemmed from ground level.</li> <li>Cleared vegetation piled up to west, approximately 1m from bases.</li> </ul>		20+	C1	≤ 12	≤ 1.97

<b>TREE SURVEY SCHEDULE FOR ARBORICULTURAL CONSTRAINTS APPRAISAL</b>							
<b>Site:</b> Ingledale, Longsight Road, Clayton-Le-Dale, Lancashire, BB1 9EX							
<b>Agent for Client:</b> Peter Hitchen Architects							

<b>Surveyor:</b>	Elizabeth Thompson BSc(Hons) TechArborA
<b>Survey Date:</b>	7 June 2019
<b>Job Ref:</b>	BTC1799

No.	Species	Height	Stem Diam.	Branch Spread	Branch & Canopy Clearances	Life Stage	PC	General Observation and Comments	Management Recommendations	ERC	Cat. Grade	RPA (m <sup>2</sup> )	RPA Radius (m)
H1	Hawthorn, Elder	2.5	N/A	≤ 1.5 Wide	N/A 0	Y	G	▪ Maintained Hawthorn hedge, with young Elder and young dead Ash within.	▪	20+	C1	N/A	≈ 1.45

**BS5837:2012 Table 1 – Cascade Chart for Tree Quality Assessment**

Category and definition	Criteria (including subcategories where appropriate)			Identification on plan			
<b>Trees unsuitable for retention</b> (see Note)							
<p><b>Category U</b></p> <p>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</p>	<ul style="list-style-type: none"> <li>▪ 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)</li> <li>▪ Trees that are dead or are showing signs of significant, immediate, and irreversible overall decline</li> <li>▪ 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</li> </ul> <p><i>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.</i></p>			Red			
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%; text-align: center;"><b>1. Mainly arboricultural qualities</b></td> <td style="width: 33%; text-align: center;"><b>2. Mainly landscape qualities</b></td> <td style="width: 33%; text-align: center;"><b>3. Mainly cultural values, including conservation</b></td> </tr> </table>					<b>1. Mainly arboricultural qualities</b>	<b>2. Mainly landscape qualities</b>	<b>3. Mainly cultural values, including conservation</b>
<b>1. Mainly arboricultural qualities</b>	<b>2. Mainly landscape qualities</b>	<b>3. Mainly cultural values, including conservation</b>					
<b>Trees to be considered for retention</b>							
<p><b>Category A</b></p> <p><b>Trees of high quality</b> with an estimated remaining life expectancy of at least 40 years</p>	<p>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)</p>	<p>Trees, groups or woodlands of particular visual importance as arboricultural and/or landscape features</p>	<p>Trees, groups or woodlands of significant conservation, historical, commemorative or other value (e.g. veteran trees or wood-pasture)</p>	Green			
<p><b>Category B</b></p> <p>Those of moderate quality and value: those in such a condition as to make a significant contribution. A minimum of 20 years is suggested.</p>	<p>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</p>	<p>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</p>	<p>Trees with clearly identifiable conservation or other cultural benefits</p>	Blue			
<p><b>Category C</b></p> <p>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</p>	<p>Trees not qualifying in higher categories</p>	<p>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</p>	<p>Trees with very limited conservation or other cultural benefits</p>	Grey			
	<p>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</p>						

## **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.

**Copyright & Non-Disclosure Notice:** The content and layout of this report are subject to copyright owned by Bowland Tree Consultancy Ltd, save to the extent that copyright has been legally assigned to us by another party or is used by Bowland Tree Consultancy Ltd under license. This report may not be copied or used without our prior written agreement for any purpose other than those indicated.

**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.

## - 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 45° 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

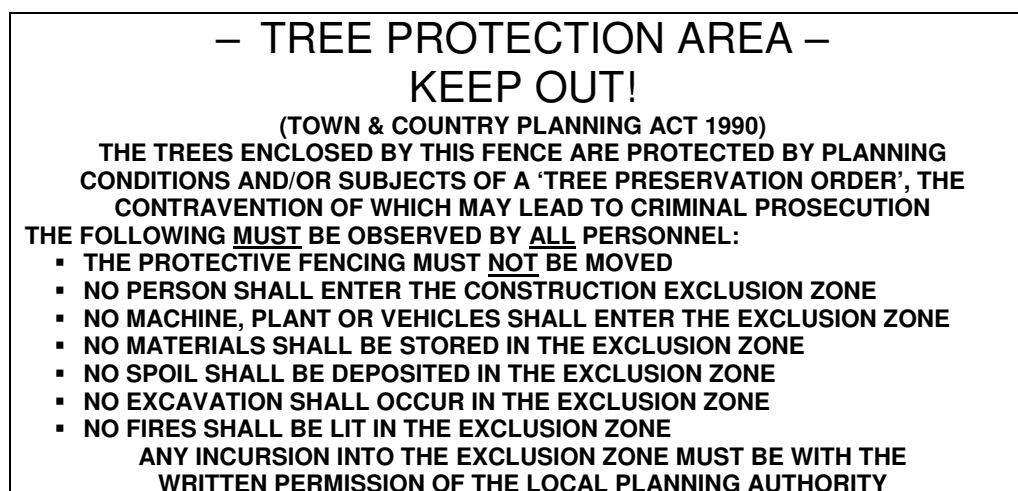
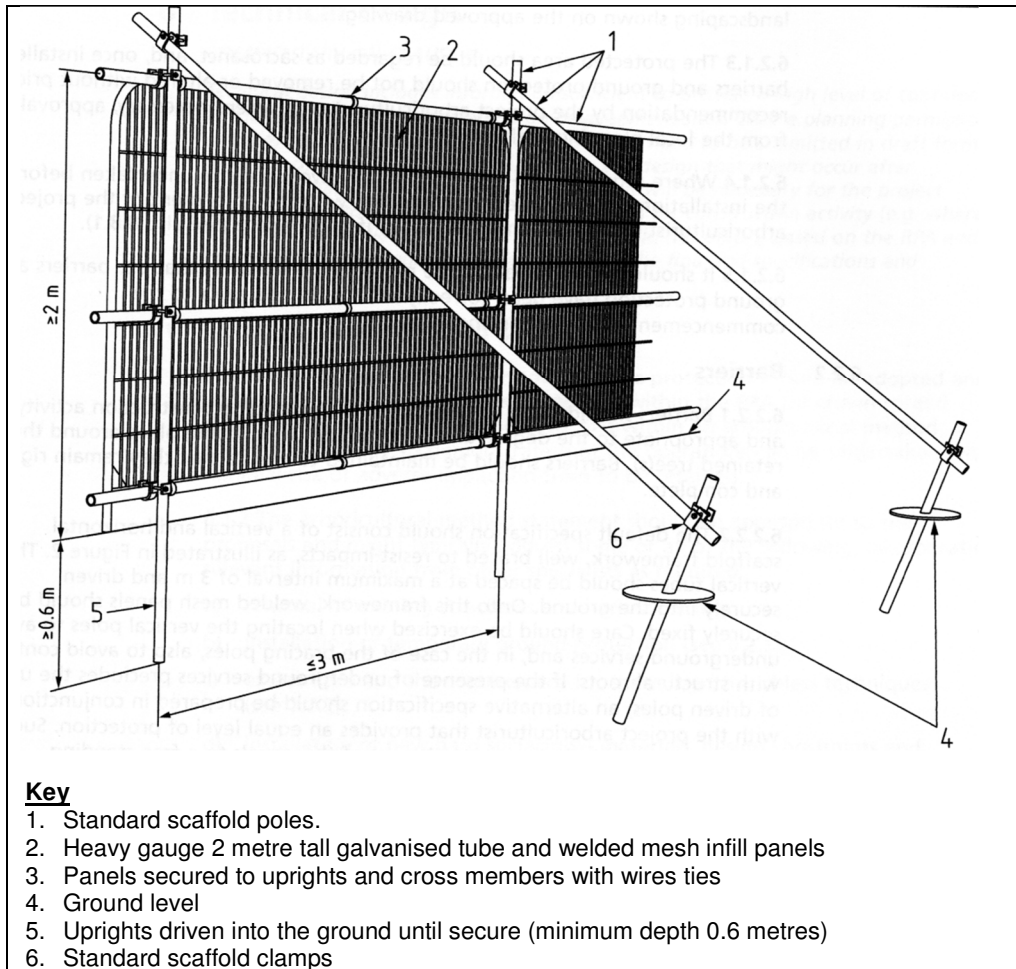


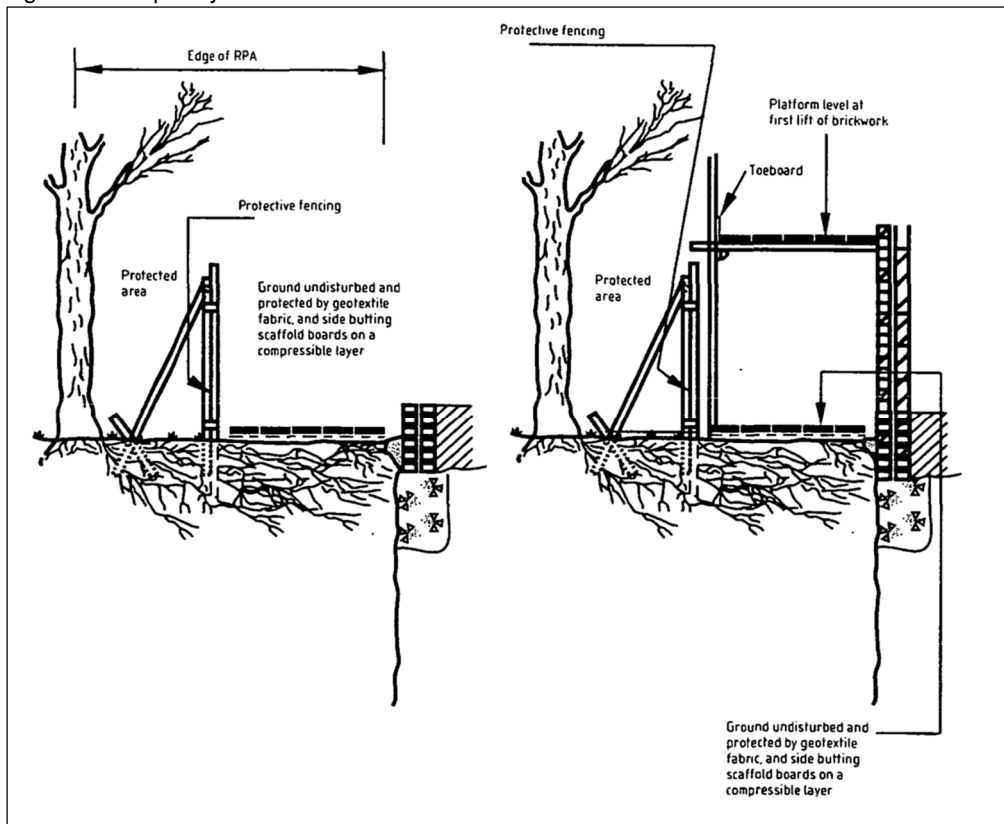
Figure 2: BS5837:2012 Default specification for protective barrier

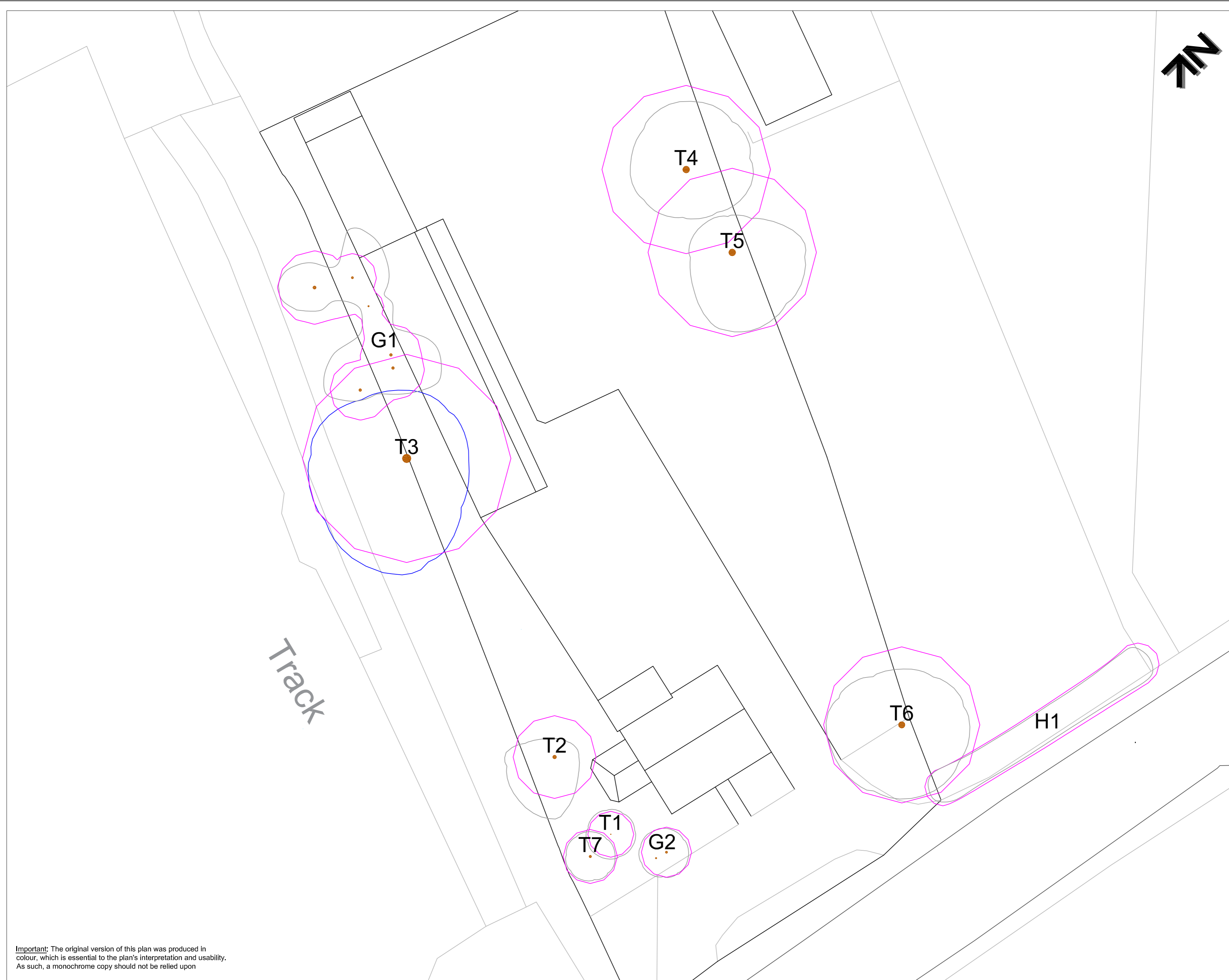


## Temporary Ground Protection

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






**KEY**


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


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

**Tree Categorisations:**


Those to be Considered for Retention:

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

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

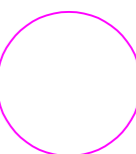
 Category 'C' Tree/Group  
 Those of Low Quality with an Estimated Remaining Life Expectancy of at Least 10 Years, or Young Trees

Those Considered Unsuitable for Retention:

 Category 'U' Tree/Group  
 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: A topographical survey was not provided for the site, and the stem locations of the individual trees, groups of trees and the hedge were not included on the site plan provided. Consequently, the locations of the trees, groups and hedge were subsequently plotted by the arboricultural surveyor at the time of the survey using GPS siting and, where possible, measurement from existing land features. As such, the plotted locations of these trees cannot therefore be considered to be wholly 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:**  
 INGLEDAL  
 LONGSIGHT ROAD  
 CLAYTON-LE-DALE  
 LANCASHIRE  
 BB1 9EX

**Agent for Client:**  
 PETER HITCHEN ARCHITECTS

**Title:**  
**TREE CONSTRAINTS PLAN**  
 In Relation to Proposed Demolition of Existing Detached Property and Subsequent Erection of Replacement Property

Scale: 1:200@A2  
 Date: June 2019  
 Drawn by: ET  
 Checked by: PH

**Bowland**   
**Tree Consultancy Ltd**  
 e: info@bowlandtreeconsultancy.co.uk  
 t: 01772 437150

Ref: BTC1799-TCP Rev:

**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