



Appendix 1 Tree survey and explanatory notes

Tree Survey Schedule

Site: 2 Snailswell Lane
Date of Survey: 20/11/2025
Arboricultural Consultant/Surveyor: J Choat
Weather: Overcast, dry, light wind

Tree ref	Species Common and Scientific	Height in m	Stem diameter in mm	Radial distance required for RPA	Branch spread				Height of crown clearance in m	Age class	Ground condition	Water demand	Observations	Preliminary management recommendations	Works urgency	Estimated remaining contribution in years	Category grading
					N	E	S	W									
T1	Ash Fraxinus excelsior	17	550	6.6	6	6	6	6	4	M	Bare soil	Moderate	Stem forks at 2.5m forming 3 codominant stems. Occasional small diameter deadwood within crown.	None	0	20	B1
H1	Beech Fagus sylvatica	2	150	1.8	1	1	1	1	0	EM	Bare soil	Moderate	Maintained with frequent pruning cut.	Maintain at current height and spread.	3	20	B1
T2	Hazel Corylus avellana	2	80	0.96	1	1	1	1	1	Y	Grass	Low	Damage at base of stem. Little arboricultural merit.	None	0	15	C1
T3	Apple Sp Malus Sp	2	130	1.56	3	3	3	3	1	Y	Grass	Moderate	Managed for fruit production. Little arboricultural merit.	None	0	15	C1
G1	Various fruit trees	5	220	2.64	3	3	3	3	1	EM	Grass	Moderate	Various fruit, Cherry, Pear, Apple, Almond. Little arboricultural merit.	None	0	15	C1
G2	Leyland cypress Cupressus x leylandii	10	300	3.6	3	3	3	3	2	EM	Bare soil	High	2 trees within group, sharing crown. Little arboricultural merit.	None	0	20	C1
G3	Hawthorn Crataegus monogyna	3	250	3	2	2	2	2	1	M	Bare soil	High	Ivy clad. Rooted behind shed, unable to fully assess. Little arboricultural merit.	None	0	20	C1
H2	Leyland cypress Cupressus x leylandii	2	100	1.2	1	1	1	1	0	Y	Bare soil	High	Maintained with frequent pruning cut. Little arboricultural merit.	Maintain at current height and spread.	0	20	C1
H3	Leyland cypress Cupressus x leylandii	2	100	1.2	1	1	1	1	0	Y	Bare soil	High	Maintained with frequent pruning cut. Lateral spread pruned to stem on northern aspect resulting in exposed stem and flat sided crown. Little arboricultural merit.	Maintain at current height and spread.	0	20	C1

Explanatory Notes

Referencing

Each tree is given a unique reference number and plotted to the attached plans for clear identity. Individual trees are referenced as T1, T2 etc., Groups G1, G2 etc., Hedgerows H1, H2 etc., and Woodlands W1, W2 etc.

Species

All species are recorded using common names. Identification is made using experience and knowledge.

Tree dimensions

Tree height is measured and recorded in meters and taken from the base of the stem to the tip of the crown. Height is estimated using experience and knowledge.

Diameter at Breast Height (DBH) is measured from ground level to approximately 1.5m above ground level and is recorded in millimeters. DBH is measured accurately using a diameter tape.

Crown spread is measured in meters from the stem to the extent of the crown spread to each compass point (NESW). Crown spread is estimated using experience and knowledge.

Crown clearance is the height from ground level to the lowest branch and is measured in meters. Crown clearance is estimated using experience and knowledge.

Age class

Age class 5 categories:

Y	Young
EM	Early Mature
M	Mature
OM	Over Mature
Vet	Veteran

Observations

The biological and mechanical condition of the tree is assessed and recorded. Other observations may include nuisance, proximity to structures, position within the site, etc.

Preliminary management recommendations

Tree management is recommended following the assessment of the biological and structural condition of the tree.

Estimated remaining contribution in years

An estimate of remaining life expectancy recorded in years.

Category grading and colour coding on plan

A (Green centre circle) high quality and value

B (Blue centre circle) moderate quality and value

C (Grey centre circle) low quality and value

U (Red centre circle) those that cannot be retained as living trees

Subcategories

- 1 Arboricultural values
- 2 Landscape values
- 3 Cultural values, including conservation

Works priority

- 1 Works required immediately to make the tree safe
- 2 Works required within 60 days
- 3 Works required as part of routine operations
- 0 No work required

Agl = Above ground level

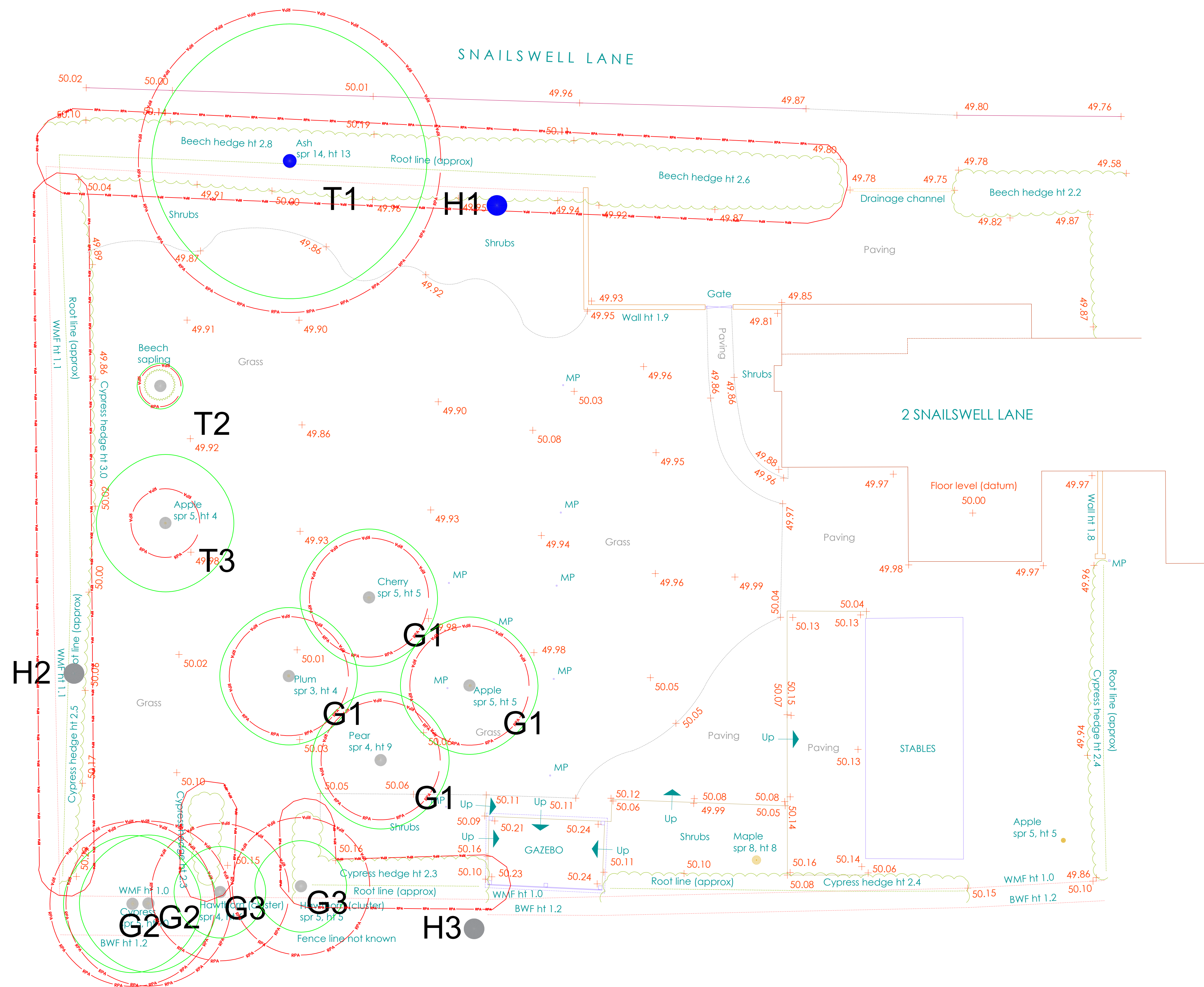
OHLE = Overhead line equipment

Small diameter = Less than 10cm

Large diameter = Greater than 10cm

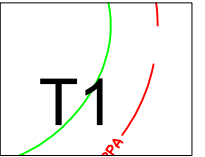


Appendix 2 Tree survey and constraints plan

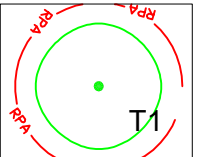


Legend:

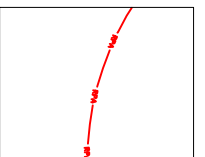
Tree reference



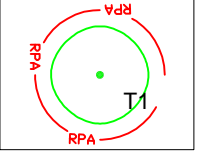
Tree and crown spread



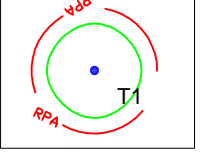
Root Protection Area



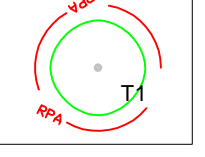
BS 5837 Retention Category A



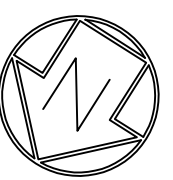
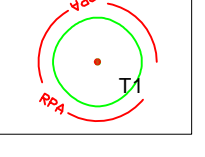
BS 5837 Retention Category B



BS 5837 Retention Category C



BS 5837 Retention Category U



Notes:

This drawing was produced in colour; a monochrome copy should not be relied upon.

Project:

2 Snailswell Lane, Ickleford

Drawing Title:

Tree Constraints Plan

TPS

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Date: 22nd November 2025

Scale: 1:200@A1

Drawing Number: TPSQU0354 TSCP

Appendix 3 Barrier construction profile

Permission to reproduce extracts from BS 5837:2012 is granted by the British Standards Institution (BSI). No other use of this material is permitted. The complete British Standard can be purchased from the BSI online shop: <http://shop.bsigroup.com/en/ProductDetail/?pid=000000000030213642>

Diagram 1 Weldmesh panels with block supports pegged to brace light impact

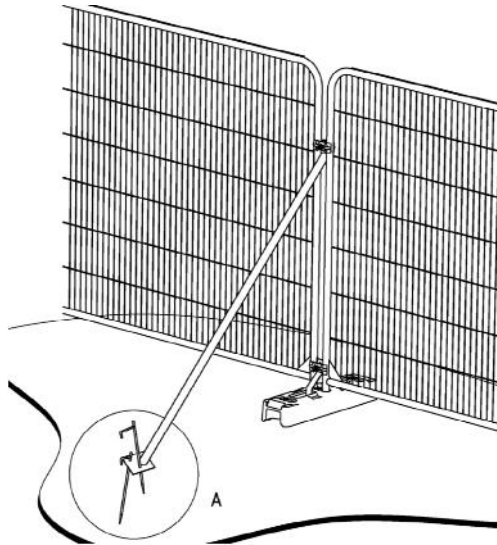


Diagram 2 Weldmesh panels with block supports and further block supports to brace intermediate impacts

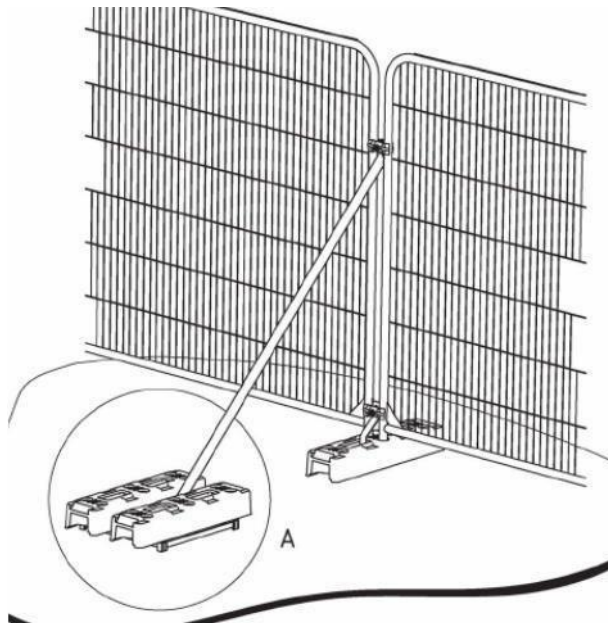
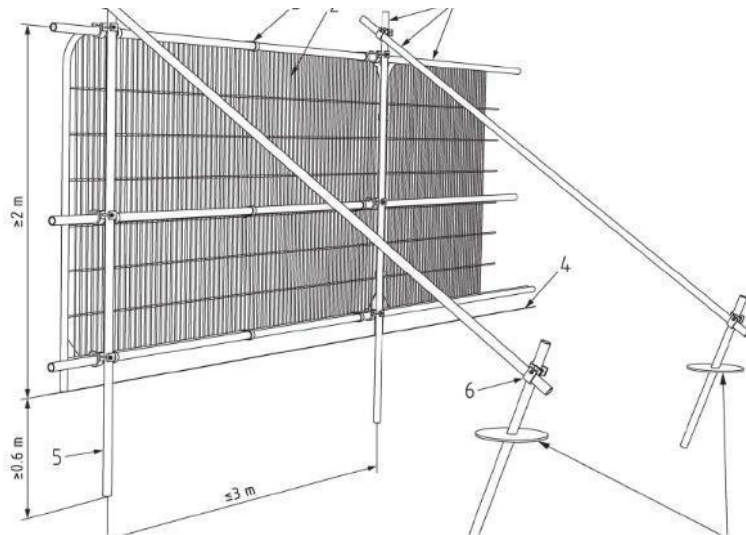


Diagram 3 Weldmesh panels with scaffold frame posts driven into the ground to brace heavy impacts



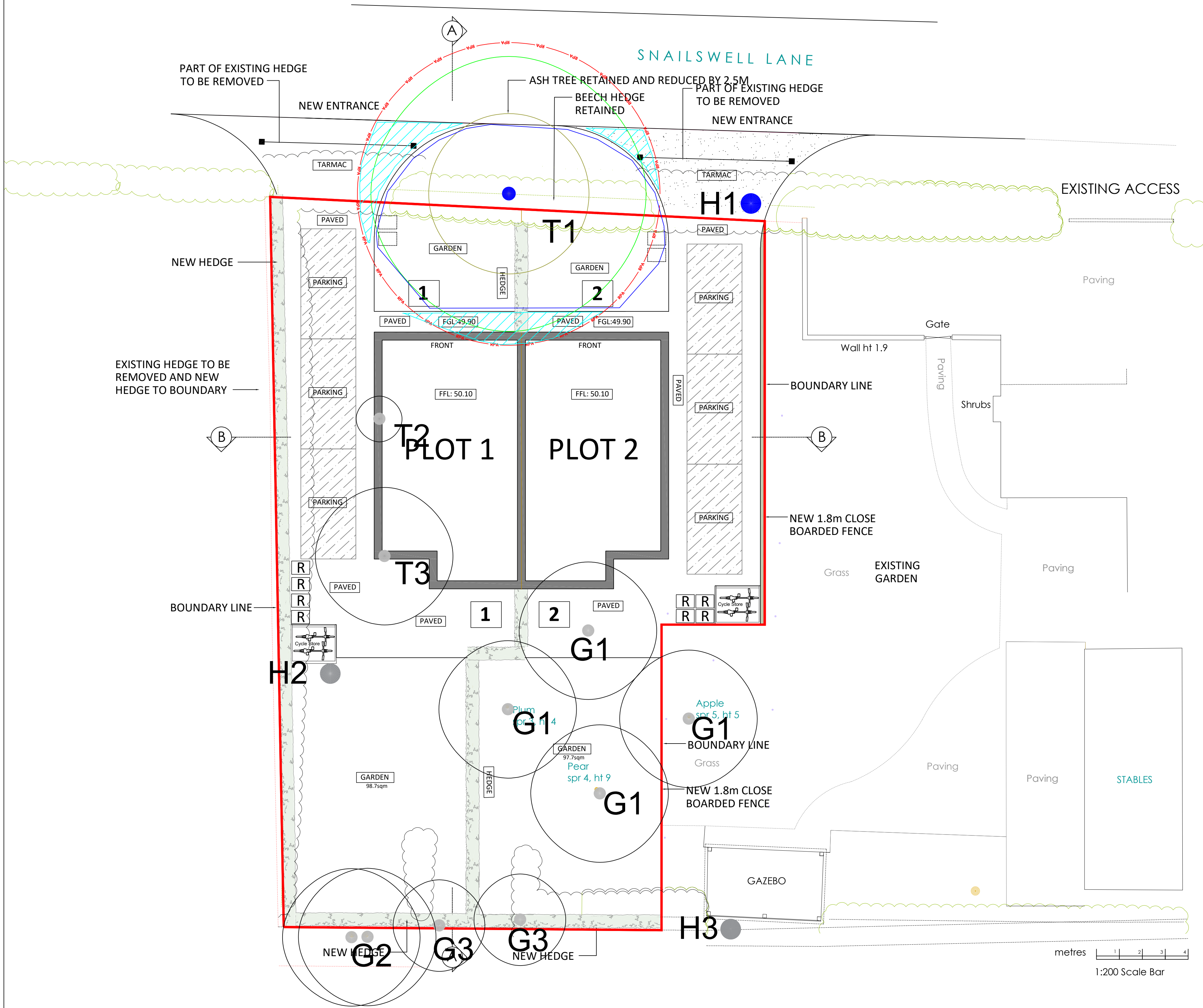
Construction Exclusion Zone

These trees have been retained and protected as part of the planning permission for this site.

Any breach of the protection will result in enforcement action from the Local Authority.



Appendix 5 Tree protection plan



Key Arboricultural Work Phasing

All methods statements below and annotations to the plan are to be read in conjunction with the arboricultural impact assessment Ref: TP500004.

The installation and removal of the tree protection is to be supervised by the project arboriculturist and confirmed as correct as per the monitoring specification section 30.8.3-30.8.4 within the accompanying impact assessment Ref: TP500004. Further monitoring assessments/ visits during the construction phase are recommended within the monitoring specification, the condition of the tree protection will be assessed during each visit.

Phase 1 - Tree works

- See below and section 7 of AIA, no vehicle movements within the RPA unless on suitable ground/ protection or existing hard surfaces. All works to be completed to BS 3998.

Phase 2 - Build / demolition phase barrier and ground protection

- Erect scaffold frame as per drawing provided below and location shown to the left.
- Install tarp panels, slot into rubber block supports and cable tie to scaffold frame and to each additional panel ensuring continuous barrier. A gap for garden maintenance may be created but no wider than 800mm.
- Cable tie weatherproof information to barrier.

Phase 3 - Intensive build phase

- Excavation within the RPA for the construction of the foundations, see method statement provided below.

Phase 4 - Soft and hard landscaping phase barrier protection

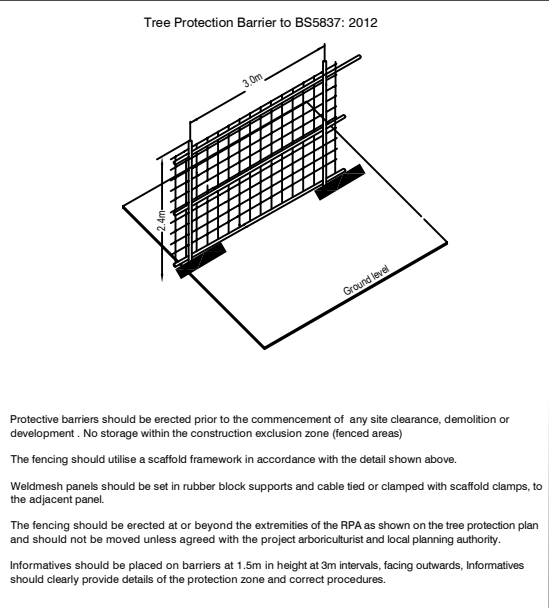
- Move barriers to ensure protection of the stem and as much of the crown as possible while allowing access to carry out the approved soft and hard landscaping. See method statement below and within accompanying impact assessment.
- Excavation within the RPA for construction of the hard landscaped features, see method statement provided below.

Phase 5 - Removal of barrier protection.

Tree works

T1 - Reduce crown by 2.5m

- Fell and grind stumps of 2 mature trees following below ground service assessment.
- Fell and grind stumps following below ground service assessment.
- Fell and grind stumps following below ground service assessment.
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Informative to be placed on barrier

Construction Exclusion Zone

No access is permitted

The trees beyond this protected zone are subject to planning conditions and statutory protection

Any breach of this zone will result in enforcement action by the local authority

Sequential method statement for hand / mechanical excavation and root pruning.

- Use a turf remover set at 50mm to remove turfs within RPA, hand barrow and store all debris outside of the RPA. Remove any turf surfacing to the original construction depth using a hand-held concrete breaker, hand barrow and store all debris outside of the RPA.
- Exposed soils / soft surfaces - Use an air lance or rake / fork to soften and break the underlying soils. Carefully remove the exposed soils using hand-held tools only (spade, shovel, soft brush, trowel) to achieve excavation depth. Depths TBC by project structural engineer. Excavation not exceeding 600mm depth (landscape features, paths, patios etc.) shallow foundations, per excavation for deeper mechanical excavation, etc) to be carried out using hand-held tools only (as above), no vehicle beyond 600mm depth (deep trench foundations, storm sewers etc.) will TBC be carried out under supervision using a mechanical excavator with a mechanical digging bucket working from outside of the RPA or on suitable ground protection (see section 8 of AIA). 500mm x 500mm x 10mm x 10mm excavated and at each soil or rock interval a check for roots is to be carried out by the project arboriculturist. Where roots are encountered then points 3 onwards as below is to be applied.
- Where roots are pliable and will not be damaged by movement, push to side of pit or downwards, pin with hand rod and cover with 50mm of sharp sand.
- Any exposed roots should immediately be wrapped or covered in damp hessian to prevent desiccation and to protect them from rapid temperature changes.
- If required, sever any roots with a diameter less than 25mm (use a sharp tool to provide a clean cut across the cross section near to a root junction growth point).
- Avoid severing roots greater than 25mm or clumps of roots (root mats). If this is necessary, then request an arboriculturist to attend the site to assess likely impact upon tree health and future stability.
- Prior to backfilling any roots should be removed from the protective wrapping and surrounded by sharp sand, or other loose granular fill (maximum of 50mm), before soil or other material is replaced. The backfill is to be free from any contaminants or foreign objects.
- Monitor tree health during next 2 growth seasons. Check leaf colour, size, density and extension growth.

Soft surfaces within RPA

- No tractor mounted or heavy client excavating machinery is to be used.
- Cultivation is to be completed using manual hand tools only.
- Existing soil is to be used, where additional soil is required it should be contaminant free, well drained and suitable pH, texture and structure for the site and planting/ existing trees/ shrubs.
- Damage to roots is to be avoided, large structural roots may be seen at or near the surface and where they outline from the base of the tree from large buttresses. After around 4m radial distance structural roots tend to taper to around 2cm in diameter.
- Changes in ground levels are to be avoided, any lowering or raising of levels should be carried out using a suitable method statement that provides continuous soil conditions of gas exchange and water percolation.
- Planting is to be done with care and to avoid overtopping tree roots; generally, planting should be completed outside the RPA.

Legend:

Tree reference

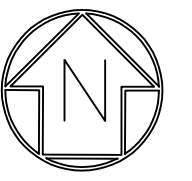
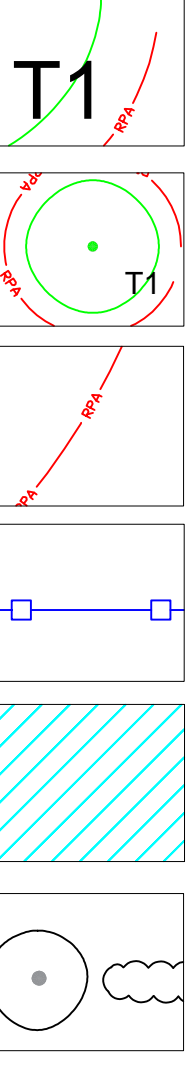
Tree and crown spread

Root protection area

Temporary barrier protection

Excavation within the RPA

Trees / Hedge to be removed



Notes:

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Project: 2 Snailswell Lane, Ickleford

Drawing Title: Tree Protection Plan

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Date: 22nd November 2025

Scale: 1:200@A1

Drawing Number: TPSQU0354 TPP

Appendix 6

Example of arboricultural monitoring form

Tree Planning Solutions

Contract Monitoring Form

Details

Date	
Time	
Surveyor	
Client	
Site	
Ref	

Tree condition

Tree ref	Condition	Recommendations

Tree Protection

Item	Yes / No	Comments
Is the barrier protection installed in the correct location.		
Is the barrier protection in good condition		
Is the ground protection installed in the correct location		
Is the ground protection in good condition		
Are weatherproof signs displayed correctly		
Is all excavation being carried out as per the supplied method statement		
Is the hard surfacing installed as per the supplied method statement		
Is the boundary fencing installed as per the supplied method statement		
Is the soft and hard landscaping installed as per the supplied method statement		

Tree Planning Solutions

Additional Comments