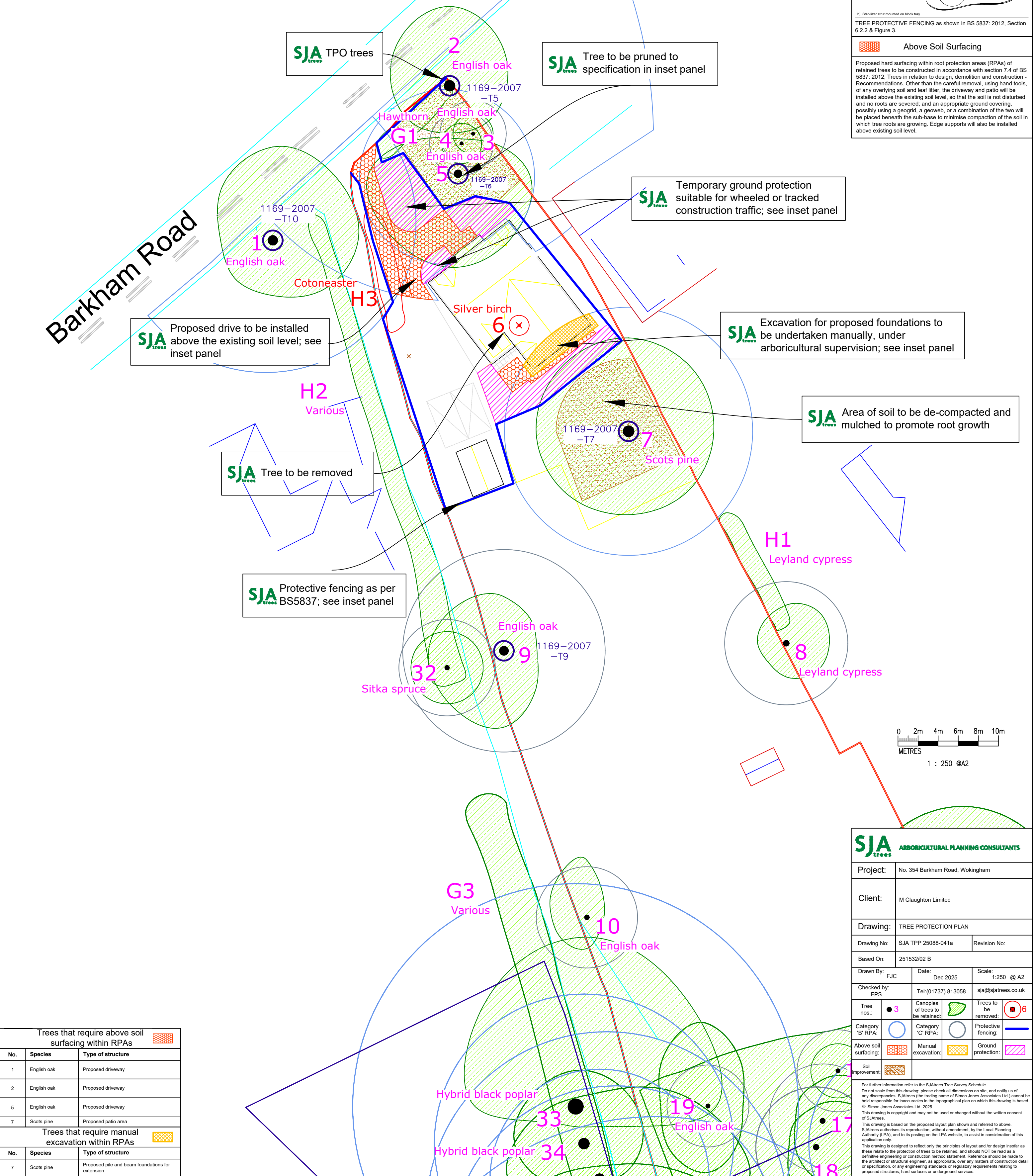


Arboricultural Impacts: Summary			
(For details, see below)			
Impact	No. of Trees		
Trees to be removed	1		
Hedges to be removed	1		
TPO trees to be removed	0		
Trees to be pruned	1		
Trees where manual excavation needed within RPAs	1		
Trees where above soil surfacing needed within RPAs	4		
Trees with proposed underground services within RPAs	0		
Trees to be Removed			
			
No	Species	Category	
6	Silver birch	C (1)	
H3	Cotoneaster	C (2)	
Total numbers of trees to be removed			
Category	No. of trees	Category	No. of trees
A	0	B	0
C	1	U	0
Trees to be pruned			
			
No.	Species	Works	
5	English oak	Crown lift canopy over dwelling to 6m above ground level by removing low limb growing to south	
Pruning is to be undertaken in accordance with the British Standard Recommendations for Tree work, BS3998: 2010. Climbing irons or spikes are not to be used whilst pruning trees.			



Trees that require above soil surfacing within RPAs		
No.	Species	Type of structure
1	English oak	Proposed driveway
2	English oak	Proposed driveway
5	English oak	Proposed driveway
7	Scots pine	Proposed patio area
Trees that require manual excavation within RPAs		
No.	Species	Type of structure
7	Scots pine	Proposed pile and beam foundations for extension

Ground Protection

To be installed prior to commencement of construction works, at same time as erection of protective fencing. For wheeled or tracked traffic: temporary aluminium roadway ("Trakway" or similar), interlocking polyethylene tread boards ("Ground-Guards" or similar), or reinforced concrete slabs laid on an appropriate compressible layer above a biaxial geotextile grid - to be designed by a structural engineer to accommodate likely loadings.

Manual Excavation

Within root protection area of Scots pine no. 7 excavation for the parking bay and pile and beam foundations shall be undertaken by hand under arboricultural supervision. The soil will be loosened with a pick or fork, and then will be cleared from roots with a compressed air soil pick. All roots will be cut cleanly with a hand saw or secateurs. The edge of the excavation closest to the trees will be covered with hessian sacking to prevent drying out, and if necessary be shuttered with an appropriate material to prevent soil collapse. Where appropriate, the soil beneath this depth may be sheet piled; and deeper excavation may be undertaken by a machine provided it works from outside the root protection areas.

Soil de-compaction & mulch application.

Within the area(s) indicated by the red hatching, the ground will be de-compacted and aerated by injecting compressed nitrogen gas into the soil to a depth of 450mm on a 1m grid spacing to create fissures enabling improved vertical movement of air and water along with injection of biochar to improve soil conditions.

Following de-compaction the ground will be covered with a 100mm deep mulch of well-rotted hardwood chips to increase the amount of organic matter available for incorporation into the soil.

Protective Fencing

To be erected prior to the commencement of all works on site, and retained in place throughout construction. To comprise 2m tall 'Heras' welded mesh panels on rubber or concrete feet. The panels shall be joined together with two anti-tamper couplers, installed so that they can only be removed from inside the fence. Distance between the couplers should be at least 1m and should be uniform throughout the fence. Panels should be supported (where possible) on the inner side by stabilizer struts, which should normally be attached to a base plate secured with ground pins (see Figure 3a below). Where the fencing is to be erected on retained hard surfacing or it is otherwise unfeasible to use ground pins, e.g. due to the presence of underground services, the stabilizer struts shall be mounted on a block tray (see Figure 3b). "TREE PROTECTION ZONE - KEEP OUT" or similar notices to be attached to every fifth panel.

Figure 3 Examples of above-ground stabilizing systems

a) Stabilizer strut with baseplate secured with ground pins

b) Stabilizer strut mounted on block tray

TREE PROTECTIVE FENCING as shown in BS 5837: 2012, Section 6.2.2 & Figure 3.

Above Soil Surfacing

Proposed hard surfacing within root protection areas (RPAs) of retained trees to be constructed in accordance with section 7.4 of BS 5837: 2012, Trees in relation to design, demolition and construction - Recommendations. Other than the careful removal, using hand tools, of any overlying soil and leaf litter, the driveway and patio will be installed above the existing soil level, so that the soil is not disturbed and no roots are severed; and an appropriate ground covering, possibly using a geogrid, a geoweb, or a combination of the two will be placed beneath the sub-base to minimise compaction of the soil in which tree roots are growing. Edge supports will also be installed above existing soil level.

SJA

ARBORICULTURAL PLANNING CONSULTANTS

Project:

No. 354 Barkham Road, Wokingham

Client:

M Cloughton Limited

Drawing:

TREE PROTECTION PLAN

Drawing No:

SJA TPP 25088-041a

Revision No:

Based On:

251532/02 B

Drawn By:

FJC

Date:

Dec 2025

Scale:

1:250 @ A2

Checked by:

FPS

Tel:

(01737) 813058

sjatrees.co.uk

Tree nos.:

● 3

Canopies of trees to be retained:

Trees to be removed:

■ 6

Category 'B' RPA:

○

Category 'C' RPA:

○

Protective fencing:

—

Above soil surfacing:

Manual excavation:

Ground protection:

Soil improvement:

For further information refer to the SJA Trees Tree Survey Schedule. Do not scale from this drawing: please check all dimensions on site, and notify us of any discrepancies. SJA Trees (the trading name of Simon Jones Associates Ltd.) cannot be held responsible for inaccuracies in the topographical plan on which this drawing is based. © Simon Jones Associates Ltd. 2025. This drawing is copyright and may not be used or changed without the written consent of SJA Trees.

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