

Protective fencing

To be erected prior to the commencement of all works on site, and retained in place throughout construction.

Default specification: To comprise either 2.4m wooden site hoarding or a 2.5m high scaffolding framework comprising of vertical and horizontal framework, well braced to resist impacts, with uprights to be spaced at a maximum of 3.0m intervals and driven into the ground by a minimum of 600mm. On to this, standard anti-climb welded mesh panels are to be securely fixed to each other with: at least two scaffold clamps and to the scaffold framework with wire.

Secondary Specification: To comprise of 20m tall welded mesh panels on rubber or concrete feet. Panels are to be joined together using a minimum of two anti-clamp couplers, installed so that they can only be removed from inside the fence. The panels should be supported on the inner side by stabilizer struts, which should be attached to a base plate and secured with ground pins.

All weather notices should be erected at regular intervals on the wind mesh panels with words such as "Construction exclusion zone - Keep out".

Goalposts

Goalposts are to be installed to restrict the height of vehicles passing beneath the canopies of retained trees to a height of 4.5m, to prevent collision and damage to the canopy.

Goalposts need to be highly visible. They should be made out of rigid material such as timber, metal or PVC and they are to be painted with red and white stripes or wrapped in red and white barrier tape.

The uprights of the goalposts are to be either fixed to the tree protection hoarding or are to be built so that they are able to stand freely, there is to be no excavation within RPA's of retained trees for the installation of the goalposts.

Warning signs are to be placed before and upon the goalposts where they will be easy for drivers to see indicating the height of the crossing.

Ground boarding

New temporary ground protection should be capable of supporting any traffic entering or using the site without being distorted or causing compaction of underlying soil.

Note: The ground protection might comprise one of the following:

a) for pedestrian movements only, a single thickness of scaffold boards placed either on top of a driven scaffold frame, as to form a suspended walkway, or on top of a compression-resistant layer (e.g. 100mm depth of woodchip), laid onto a geotextile membrane;

b) for pedestrian-operated plant up to a gross weight of 2t, proprietary raised ground protection boards placed on top of a compression-resistant layer (e.g. 150mm depth of woodchip), laid onto a geotextile membrane;

c) for wheeled or tracked construction traffic exceeding 2 t gross weight, an alternative system (e.g. proprietary system or pre-cast reinforced concrete slabs) to an engineering specification designed in accordance with arboricultural advice, to accommodate the likely loading to which it will be subjected.

For situations other than those described in a) or b), the ground boarding is to be designed by a suitably qualified person to an engineering specification in conjunction with arboricultural advice, to be able to support the expected loading to be placed upon it.

Supervised Excavation

All excavations within and immediately adjacent to RPA's are to be undertaken under direct on-site arboricultural supervision.

Any roots that are to be cut will be cleanly severed by the project arboriculturist using a suitable hand saw or secateurs. The edge of all excavation closest to the retained trees will be covered over with damp hessian to prevent drying out, and where necessary be shrouded to prevent soil collapse or contamination by concrete.

If appropriate soil beneath the depth of the excavation may be sheet piled, repier piles or have individual piles installed.

Manual excavation:

Excavations within the RPA's will be initially undertaken by hand under direct on-site arboricultural supervision to a minimum of 600mm deep (to be confirmed by the project arboriculturist), whether it is for proposed foundations, hard surfacing or underground services. The soil is to be loosened with the use of a fork or pick and or air-spade and then cleared with a shovel and or the aid of an air-spade and all-vac.

Mechanical excavation:

Excavation within the RPA's will consist of a mixture of mechanical and manual excavation.

Where an excavator is used it will be fitted with a suitably sized toothless grading bucket, using a grading / scraping motion rather than digging. During each motion the excavator will not be permitted to move more than 10 - 20mm deep of soil in any one pass. If any roots are discovered, mechanical excavation will immediately be stopped and manual excavation will take over to expose the root. Upon the root being uncovered and either severed or protected the excavations can then continue.

Any excavator or other machinery that is to be used will be situated outside of the RPA's of all retained trees or on top of a suitable ground protection.

Where an excavator or any other machinery is to be used within RPA's or beneath canopies the project arboriculturist will clearly instruct the operator about what they want and expect to happen prior to any works may commence.

'No Dig' Surfacing

Multi-dimensional confinement system:

Existing vegetation may be removed with hand tools or sprayed with an approved non residual herbicide such as Glyphosate. The new hard surfacing will be constructed using a 'No Dig' surfacing situated entirely above the existing soil surface and where needed using a proprietary cellular confinement system (GeoWeb or similar) laid over a bi-axial geogrid (linear Tuke or similar). Prior to this any small hollows on the surface may be filled with clean sharp sand (not builders sand) to a maximum depth of 150mm. The 'GeoWeb' is to be back filled by hand with a no-free aggregates of 20mm - 30mm. The area of 'GeoWeb' will be covered with a permeable geotextile fabric and the finished wearing course laid on top. Edge supports of an appropriate size and strength should be set above ground level and secured with bracing or steel pins driven into the ground, the outer edge of the supports may be backed up with clean top soil.

NB: The use of a multi-dimensional confinement system will affect the finished level of the hard surfacing by raising the levels and needs to be taken into consideration when designing foundations and setting the finished floor levels of adjacent buildings.

Arboricultural Supervision

The arboricultural consultant will be required to attend site to directly supervise all demolition and construction works that have to be undertaken within the root protection zones. This will include:

Demolition Phase

1. Pre-commencement site meeting.
2. Location of protective measures.
3. Supervised demolition of the dwelling, hard surfacing, herb edging and all associated foundations within and adjacent to the RPA's of tree numbers 5, 14, G4 and G5.
4. Any additional demolition and/or excavations works within or adjacent to RPA's, including foundations, hard surfacing or underground services (a non-exhaustive list).
5. Removal of all demolition machinery, material and waste from site.
6. Arboricultural sign off of the demolition phase and approval to mitigate the tree protection measures.

Construction Phase

1. Location of protective measures.
2. Pre-commencement site meeting.
3. Supervised excavations for the dwelling (foundations, services, fence posts, services, etc.) within and adjacent to the RPA's of tree numbers 5, 14, G4 and G5.
4. Installation of 'No Dig' hard surfacing within and adjacent to the RPA's of tree numbers 5, 14, G4 and G5.
5. Any additional excavations and/or demolition within or adjacent to RPA's, including foundations, hard surfacing or underground services (a non-exhaustive list).
6. Arboricultural sign off and removal of protective measures.

Arboricultural Method Statement

Please refer to Arbtech Consulting Ltd. Tree Schedule and Arboricultural Method Statement, for full details on all surveyed trees and how all aspects of the the development may be implemented without detriment to retained trees.

Tree Protection Area
KEEP OUT
Do not move this fence

Arboricultural Impact Summary

Impacts	Nos. of trees
Trees to be removed	0
Groups / Hedges to be removed (Partial removal of groups)	2 (1)
Trees with proposed incisions into RPA's	2
Trees that will require pruning	1
Groups / Hedges that will require pruning	1
Trees to be transplanted	0
Groups / Hedges to be transplanted	0

Arboricultural Impacts

No.	Species	Proposed structure	Incursion
G4	Larix Cypress	Dwelling & hard surfacing	RPA / Canopy
G5	Various	Dwelling & hard surfacing	RPA / Canopy
5	Cherry Laurel	Dwelling & hard surfacing	RPA / Canopy

Tree Work Schedule

No.	Species	Works	Category
G3	Cypress sp.	Full to ground level, grind out stumps	U
G4	Larix Cypress	Down reduction & lift	C
G4-1	Larix Cypress	Down lift W canopy to 3.5m above OL	C
G4-2	Larix Cypress	Down lift W canopy to 3.5m above OL	C
G4-3	Larix Cypress	Down lift W canopy to 3.5m above OL	C
G4-4	Larix Cypress	Down lift W canopy to 3.5m above OL	C
G4-5	Larix Cypress	Down lift W canopy to 3.5m above OL	C
G4-6	Larix Cypress	Down lift W canopy to 3.5m above OL	C
G4-7	Larix Cypress	Down lift W canopy to 3.5m above OL	C
G4-8	Larix Cypress	Down lift W canopy to 3.5m above OL	C
G4-9	Larix Cypress	Down lift W canopy to 3.5m above OL	C
G4-10	Larix Cypress	Down lift W canopy to 3.5m above OL	C
G4-11	Larix Cypress	Down lift W canopy to 3.5m above OL	C
G4-12	Larix Cypress	Down lift W canopy to 3.5m above OL	C
G4-13	Larix Cypress	Down lift W canopy to 3.5m above OL	C
G4-14	Larix Cypress	Down lift W canopy to 3.5m above OL	C
G4-15	Larix Cypress	Down reduce W canopy to 0.3m from trunk up to 7m above OL	C
G4-16	Larix Cypress	Down reduce W canopy to 0.3m from trunk up to 7m above OL	C
G4-17	Larix Cypress	Down reduce W canopy to 0.3m from trunk up to 7m above OL	C
G4-18	Larix Cypress	Down reduce W canopy to 0.3m from trunk up to 7m above OL	C
G4-19	Larix Cypress	Down reduce W canopy to 0.3m from trunk up to 7m above OL	C
G4-20	Larix Cypress	Down reduce W canopy to 0.3m from trunk up to 7m above OL	C
G5	Apple	Full to ground level, grind out stumps	C
H2	Various	Partial removal: Full to ground level, grind out stumps	C
5	Cherry Laurel	Down reduce 55% canopy to site boundary	C

All tree work is to be undertaken in accordance with British Standard BS 3968:2010 Tree work - Recommendations.

All stumps are to be removed and the soil is to be left as found.

Care is to be taken of the ground around retained trees to make sure that it does not become compacted as a result of the vegetation operations. No equipment or vehicles such as timber lorries, tractors, excavators or cranes shall be parked or driven beneath the canopy of any retained trees, to prevent subsequent compaction and root death.

No. of individual trees to be removed

U	A	B	C
0	0	0	0

No. of groups / hedges to be removed

U	A	B	C
1 (0)	0 (0)	0 (0)	1 (1)

Arboricultural Method Statement

All tree work is to be undertaken in accordance with British Standard BS 3968:2010 Tree work - Recommendations.

Please refer to Arbtech Consulting Ltd. Tree Schedule, Arboricultural Method Statement and Tree Protection Plan for full details of all surveyed trees and how all aspects of the development may be implemented without detriment to retained trees.

arbtech

Unit 3, Well House Barns, Chester, CH4 0DH
<https://arbtech.co.uk> 01244 661170

Project:

74 Waterloo Road,
Wokingham,
Berkshire,
RG40 2JF.

Client:

Alistair and Claire Petter

Drawing:

Tree Protection Plan

Based on:

004

Drawing No:

Arbtech TPP 01 (Construction)

Date:

July 2026

Scale:

1:100 @ A0

Drawn:

MGM

Key:

Tree Nos.	1	Tree Categories	Trunk	
RPA's		Category 'U' trees	Category 'A' trees	Category 'B' trees
Category 'B' trees		Category 'B' trees	Category 'C' trees	Category 'C' trees
Category 'C' groups		Trees to be removed	Arboricultural Supervision	Protected Landscaping
Ground boarding		Restricted Access	Arboricultural Supervision	Excavations
Arboricultural 'No Dig' HES				

Please refer to the Arboricultural Method Statement for full details on all surveyed trees and how all aspects of the development may be implemented without detriment to retained trees.

The drawing is not to be used as a definitive part of the engineering or construction design or related documents.

For any standards or regulatory requirements relating to proposed structures, hard surfacing or underground services, please refer to the relevant standards.

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