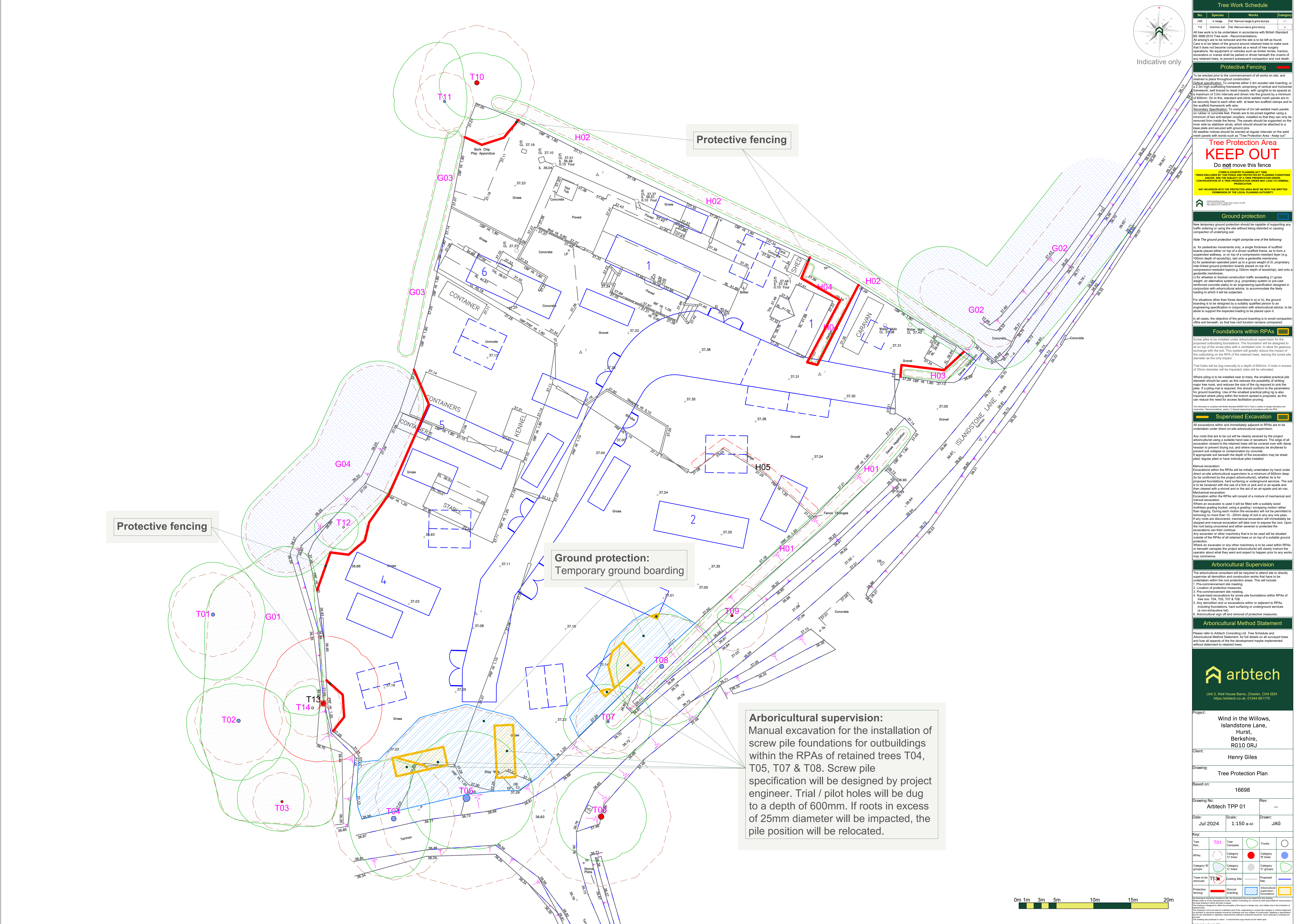




Tree Work Schedule

No.	Species	Works	Category
T01	Common ash	Fell, remove hedge & grid stumps	C1

All free work is to be undertaken in accordance with British Standard BS 3998:2010 Tree Work - Recommendations.

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

Protective Fencing

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

Details specification: To comprise either 2.4m wooden site hoarding; or a 2.3m 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 the standard anti-climb welded mesh panels are to be securely fixed to each other with at least two scaffold clamps and to the scaffolding framework with wire.

Secondary Specification: To comprise of 2m tall welded mesh panels on rubber or concrete feet. Panels are to be joined together using a minimum of two anti-tamper couplers, installed so that they can only be removed from inside the fence. The panels should be supported on the inner side by stabiliser stanchions, which should be attached to a base plate and secured with ground pins.

All weather notices should be erected at regular intervals on the mesh panels with words such as "Tree Protection Area - Keep Out".

Tree Protection Area

KEEP OUT

Do not move this fence

(TOWN & COUNTRY PLANNING ACT 1990)

TREES ENCLOSED BY THIS FENCE ARE PROTECTED BY PLANNING CONDITIONS WHICH ARE THE SUBJECT OF A TREE PRESERVATION ORDER. CONTRAVENTION OF A TREE PRESERVATION ORDER MAY LEAD TO CRIMINAL PROSECUTION.

ANY INCURSION INTO THE PROTECTED AREA MUST BE WITH THE WRITTEN PERMISSION OF THE LOCAL PLANNING AUTHORITY

Ground protection

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:

- 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;
- for pedestrian-operated plant up to a gross weight of 2t, proprietary inter-linked ground protection boards placed on top of a compression-resistant layer (e.g. 150mm depth of woodchip), laid onto a geotextile membrane;
- for wheeled or tracked construction traffic exceeding 2t gross weight, an alternative system (e.g. proprietary system or pre-cast reinforced concrete slabs) to an engineering specification designed in conjunction 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.

In all cases, the objective of the ground boarding is to avoid compaction of the soil beneath, so that tree root function remains unimpaired.

Foundations within RPAs

Screw piles to be installed under arboricultural supervision for the proposed outbuilding foundations. The foundation will be designed to sit on top of the screw piles with a ventilated void, to allow for gaseous exchange with the soil. This system will greatly reduce the impact of the outbuilding on the RPA of the retained trees, leaving the screw pile diameter as the only impact.

Trial holes will be dug manually to a depth of 600mm, if roots in excess of 25mm diameter will be impacted, piles will be relocated.

Where piling is to be installed near to trees, the smallest practical pile diameter should be used, as this reduces the possibility of striking major tree roots, and reduces the size of the rig required to sink the piles. If a piling mat is required, this should conform to the parameters for ground boarding. Use of the smallest practical piling rig is also important where piling within the branch spread is proposed, as this can reduce the need for access facilitation pruning.

Supervised Excavation

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

Any roots that are to be cut will be clearly severed by the project arboriculturalist 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, regular piled or have individual piles installed.

Manual excavation:

Excavations within the RPAs will be initially undertaken by hand under direct on-site arboricultural supervision to a minimum of 600mm deep (to be confirmed by the project arboriculturalist), whether its 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 cleaned with a shovel and or the aid of an air-spade and air-vac.

Mechanical excavation:

Excavation within the RPAs will consist of a mixture of mechanical and manual excavation.

Where an excavator is used it will be fitted with a suitably sized rootless grading bucket, using a grading / scraping motion rather than digging. During each motion the excavator will not be permitted to remove no 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 RPAs of all retained trees or on top of a suitable ground protection.

Where an excavator or any other machinery is to be used within RPAs or beneath canopies the project arboriculturalist will clearly instruct the operator about what they want and expect to happen prior to any work may commence.

Arboricultural Supervision

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

- The commencement site meeting.
- Location of protective measures.
- Pre-commencement site meeting.
- Supervised excavations for screw pile foundations within RPAs of trees nos. T04, T05, T07 & T08.
- Any demolition and or excavations within or adjacent to RPAs, including foundations, hard surfacing or underground services (a non-exhaustive list).
- 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.

Unit 3, Well House Barns, Chester, CH4 0DH
https://arbtech.co.uk/01244 061170

Project: Wind in the Willows, Islandstone Lane, Hurst, Berkshire, RG10 0RJ

Client: Henry Giles

Drawing: Tree Protection Plan

Based on: 16698

Drawing No: Arbtech TPP 01 Rev: --

Date: Jul 2024 Scale: 1:150 @ A0 Drawn: JAG

Key:

Tree No.	Tree	Canopies	Trunks
T01	Tree	Category '1' trees	Category '1' trees

SPAs: Category '1' trees, Category '2' trees, Category '3' trees

Category '3' groups: Category '1' trees, Category '2' trees, Category '3' trees

Trees to be removed: Ground, Existing Site, Proposed Site

Protective Fencing: Ground, Existing Site, Proposed Site

Ground Boarding: Ground, Existing Site, Proposed Site

Excavations: Ground, Existing Site, Proposed Site

Arboricultural supervision:
Manual excavation for the installation of screw pile foundations for outbuildings within the RPAs of retained trees T04, T05, T07 & T08. Screw pile specification will be designed by project engineer. Trial / pilot holes will be dug to a depth of 600mm. If roots in excess of 25mm diameter will be impacted, the pile position will be relocated.