

North Hall Cottage

Arboricultural Method Statement

October 2024



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1. Terms of Reference

Bioregional Forestry Ltd was commissioned by Chris Mellish, to produce an Arboricultural Method Statement and Tree Protection Plan for the demolition of an existing out-building and construction of a new extension to the existing cottage.

The report has been produced in accordance with British Standard 5837:2012 Trees in Relation to design, demolition and construction – Recommendations, and is based upon an original topographic site survey supplied by Ecotecture Ecological Design.

This report is intended to be read in conjunction with the Tree Inspection Report of October, 2024. Together, they form the overall Arboricultural Report for the specific area of land. Details of RPAs, Tree Categorisation and Tree Details can all be found in the previous report.

2. Arboricultural Impact Assessment

One tree (T1) will be required to be removed, as its positioning and overall condition could potentially pose a future risk to the health and safety of users of the site and the buildings below it.

Further details can be seen in the table below and in the accompanying Tree Survey Report :

Tree No.	Species	BS Cat	Condition	Reason for removal
T1	Ash	C1	Fair	Early signs of ADD in crown and large crack between stems at base

Tree T2 will also be coppiced before the construction process commences, to ensure its stems are not damaged and to create space for materials storage in a designated area, created outside of the tree’s RPA.

3. Arboricultural Method Statement

3.1 Roles and Responsibilities

It is the responsibility of all contractors and sub-contractors involved in the project to be aware of this method statement and to use it when setting out the site and carrying out any operations in the vicinity of retained trees. Please refer to the Site Plan detailed later in this report for positioning of Tree Protection Barriers and Construction Exclusion Zones - coloured green.

Prior to the commencement of works, all site personnel should be briefed by the Site Manager or appointed Consultant on the importance of the retained trees and the significance, rules and restrictions around protective measures implemented. All minutes from these 'Toolbox Talks' should be retained by the Site Manager for future reference.

3.2 Timings and order of operations

Operations on the development site related to trees should commence in the following order to ensure that retained trees receive an appropriate level of protection from potentially harmful activities. Monitoring will take place throughout these stages and be recorded by the Site Manager and/or the Project Arboriculturalist.

1. Installation of Tree Protection Barriers to establish Construction Exclusion Zones and materials storage area;
2. Demolition of out-building;
3. Removal of Tree T1, using the demolition site as a works area for processing the arisings;
4. Construction of the extension;
3. Removal of protective barriers

3.3 Setting out of Barriers and Construction Exclusion Zone – refer to Site Plan

The precise required location of the barriers can be seen on the accompanying Site Plan.

Tree protection barriers should be supplied and erected in accordance with chapter 6.2.2 of BS5837:2012. This states that the default specification for protective fencing should comprise a scaffold framework with vertical tubes at maximum 3m intervals secured firmly into the ground and fixed with weldmesh panels, as set out in figure 3, in Appendices.

The barriers should be fitted with all-weather notices containing the words "Construction Exclusion Zone – No Access". It is not anticipated that there will be any need to access the CEZ during the construction phase. If access is required for any reason then this should be discussed with the Project Arboriculturalist and the client.

3.4 Tree Roots and RPA Incursion – refer to Site Plan

The RPAs of two trees could potentially be affected by the development :

T2, the multi-stemmed hazel located adjacent to Mallion's Lane – the tree will be coppiced prior to the development process to ensure that no stems are damaged and CEZ fencing will be erected at least 3m away from the stool, to protect the tree's RPA.

A materials storage area will be created adjacent to this area and a designated route will be used to access the development and demolition site (see plan).

T3, the Cersis tree, is located to the northwest of the out-building that is proposed for demolition. Again, CEZ fencing will be used to denote the RPA of the tree and to protect it during the demolition and construction process.

3.5 Demolition of the out-building

In addition to the use of protective fencing as detailed above, great care must be taken to protect the Cersis Tree (T3) during the demolition of the out-building.

Demolition is to be performed by the owner of the property and a small team of contractors, using small machinery and hand tools.

The intention is to remove the roof and its structure first, followed by the demolition of the exterior walls – these will be directed internally, so as not to damage T3 or its RPA.

All materials will be removed from site by small, mechanised dumpers and will follow the designated route to the south of the cottage, to Mallion's Lane.

3.6 Prohibited Activities

Care must be taken when planning site operations to ensure that all materials are stored within the designated area and a route to the site from Mallion's Lane is followed, as per the site plan.

Any transit or transverse of plant in close proximity to the retained trees should be conducted under the supervision of a banksman to ensure that adequate clearance from trees is maintained at all times.

The Project Arboriculturalist should be consulted prior to any otherwise not approved operations, within or access to, the Construction Exclusion Zones.

3.7 Monitoring

Due to the sensitive nature of the trees on site and the need for protective measures, it is a requirement of BS5837:2012 that activities related to, or in the vicinity of, retained trees are monitored by a competent Arboriculturalist, referred to in this report as the Project Arboriculturalist. Key operations requiring monitoring are as follows :

1. Installation of Tree Protection Fencing;
2. Post development monitoring visit (see 3.8 below)

3.8 Incident procedure

In the instance of any problems on site or incidences affecting and/or causing harm to retained trees, the Project Arboriculturalist should be consulted at the earliest opportunity to provide advice about rectifying issues. Any such occurrences should be recorded in an auditable incident register.

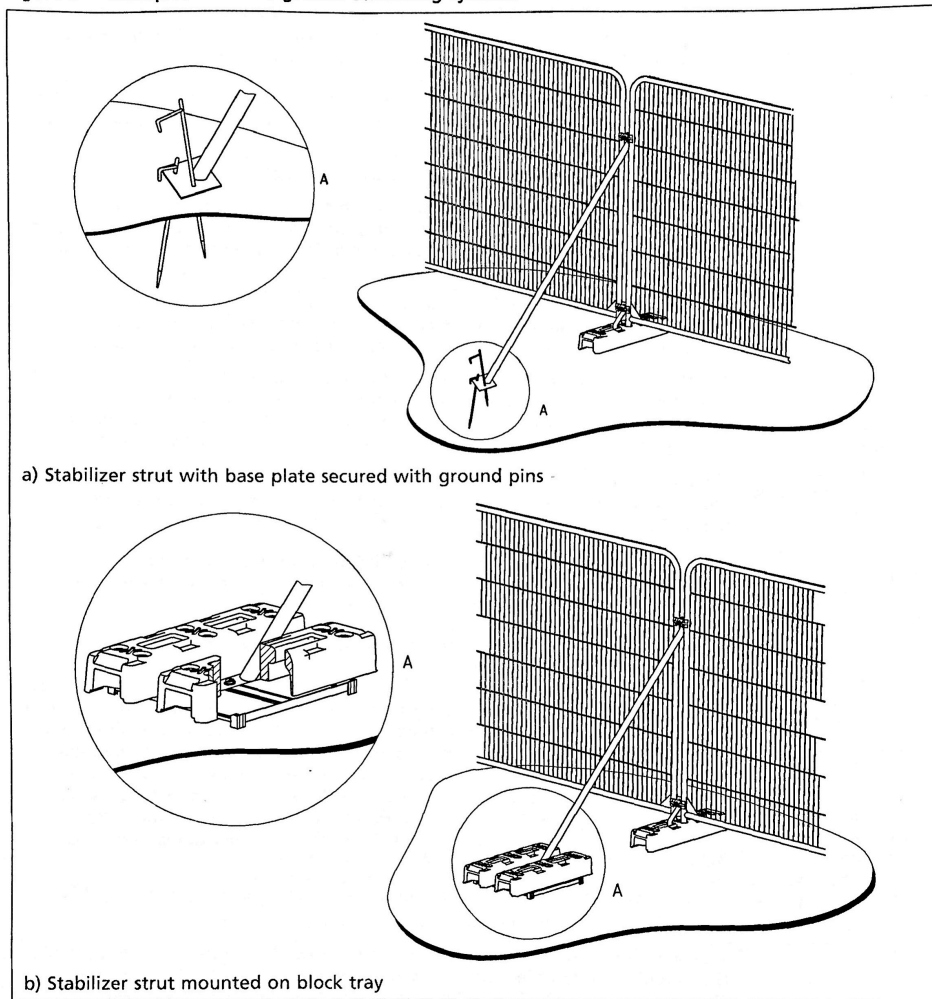
3.9 Post Development

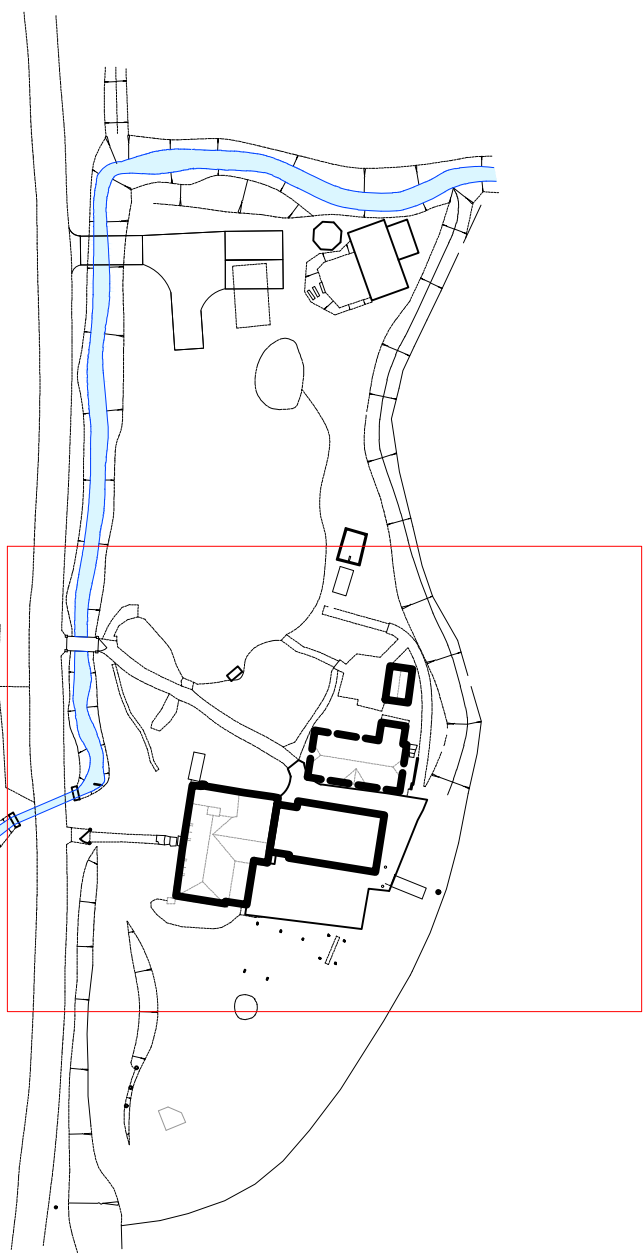
It is recommended that following completion of the development, a monitoring visit is carried out by the Project Arboriculturalist in order to carry out a thorough assessment of the retained trees and any remedial works that may be required as a result of changes to the site and the potential indirect effects of construction. In addition to a schedule of remedial works, this assessment should include a recommendation for future tree safety inspections to be adopted by the site owner/manager.

Appendices (below) :

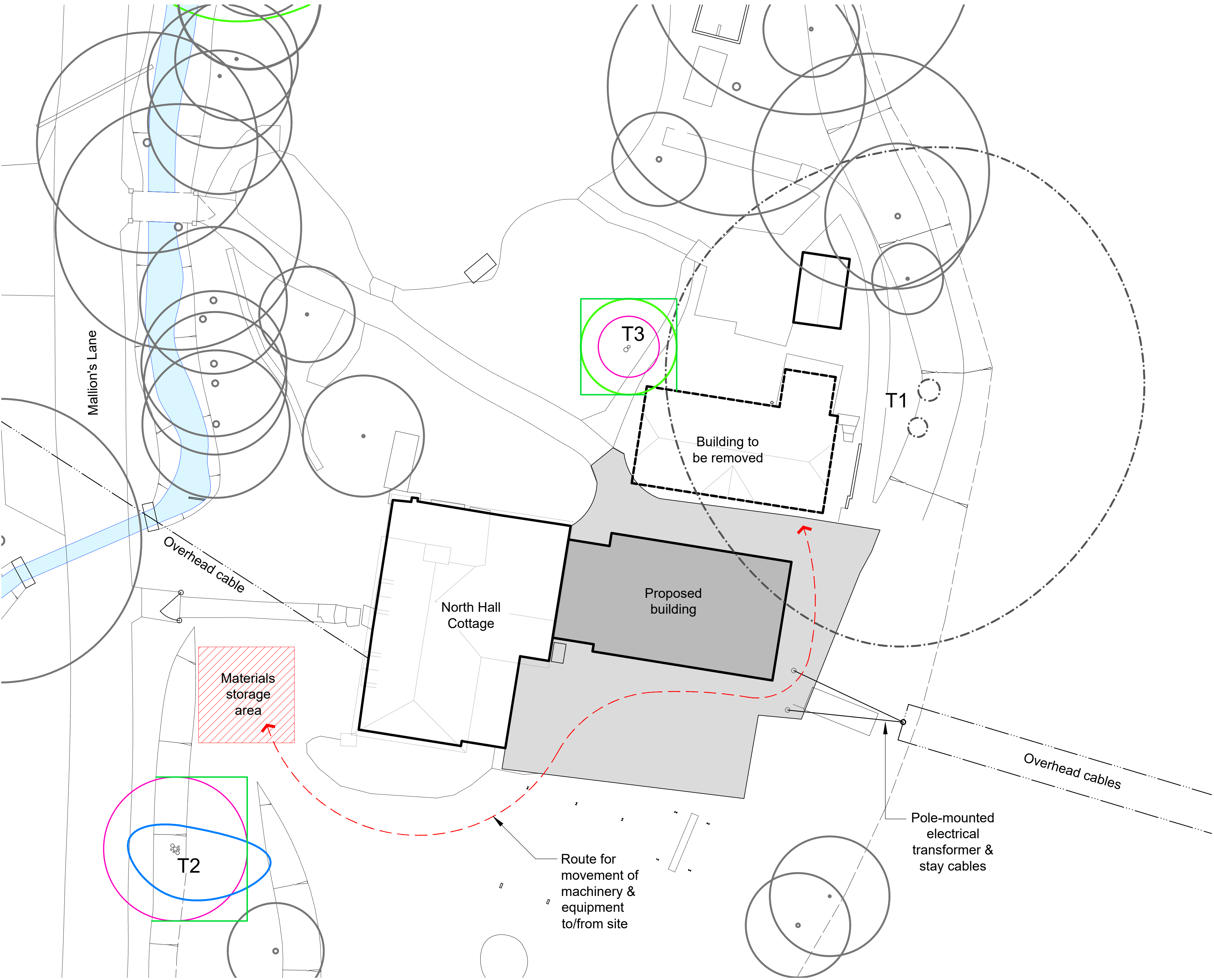
- Figure 3: Protective fencing for creation of the Construction Exclusion Zone (CEZ)
- Site Plan : showing site boundaries, Tree Protection Methods and locations thereof .

Figure 3 Examples of above-ground stabilizing systems





LOCATION IN WIDER SITE (NTS)



0m12345 1:100 @ A1 N Drawing to be read in colour. A monochrome copy should not be relied upon. Do not scale from this drawing. Tree locations were plotted either according to topographical survey or approximately using on-site features at the time of the survey.	TREE CATEGORIES Trees have been assigned a category in accordance with Table 1 of BS 5837:2012 'Trees in Relation to Design, Demolition and Construction'. The category is shown by the colour of the canopy edge. Categories are shown as below: Category 'A' - Tree of high quality and value - Green Category 'B' - Tree of moderate quality and value - Blue Category 'C' - Tree of low quality and value - Grey Category 'U' - Tree of significantly reduced potential - Dark Red.	○ XXXX Tree number, stem location from topographical survey ● XXXX Tree number, approx stem location Category 'A' Tree Category 'B' Tree Category 'C' Tree Category 'U' Tree Tree to be removed Tree unaffected by development, shown nominally from topo information Root Protection Area Tree protection fencing	AMS plan 2307-P-003 Rev 1 Site: North Hall Cottage (South) Date: 30/10/2024 Drawing base: topographical survey	BioRegional Forestry Ltd 157 Balcombe Road, Horley, Surrey, RH6 9DR 07855 321972 mark@bioregionalforestry.co.uk www.bioregionalforestry.co.uk
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