

Report By Luke Richards LRArchitecture

Dated 11th September 2025

07729564872

Summary

The report has been written following the recommendations and guidance given within British Standard 5837 (2012), Trees in relation to design, demolition, and construction. to provide a reasoned assessment of the potential impact to trees by the proposed renovation and extension of 15 Malibres Rd, Chandler's Ford, Eastleigh SO53 5DS

No Tress will be felled as part of this development and reasonable care will be taken to protect the existing trees and their rooting systems.

Introduction

We undertook a ground level, visual assessment of the trees that could be affected by the development proposal in accordance with BS5837 2012, and best practice, and to prepare the following to accompany The house holder planning application submission:

- A schedule of the relevant trees to include survey data and a condition assessment.
- An appraisal of the constraints imposed by the trees and the potential consequences for the local amenity.
- An Arboricultural Method Statement setting out appropriate protective measures and management for trees to be retained.

Trees have been given a class rating and Root Protection Area (RPA) measurement worked out using The RPA is calculated using the diameter of the tree's trunk at 1.5m above ground level. The calculation is the same for all trees, regardless of their age.

For trees with a single stem, the RPA is calculated as an area equivalent to a circle with a radius 12 times the stem diameter.

For the purposes of this survey, a drawing of the site, adapted from a drawing of the proposed site supplied by Luke Richards, LRArchitecture, has been included to show tree locations, IDs, categories, and locations.

Methodology

The Arboricultural site survey was carried out on the 16th August 2025.

All observations were carried out from ground level without detailed investigations. Tree stem diameters, tree height, and crown spread have been

Measured.

This report is prepared in line with the British Standard: BS5837:2012 The purpose of the report is to provide Arboricultural information and recommendations for the support of the proposed extension at 15 Malibres Rd, Chandler's Ford, Eastleigh SO53 5DS. The British Standard makes provision for trees to be categorised for both quality A, B, C or U and a sub-category for each of 1, 2 or 3. Details of these The categories are shown below.

A Trees of high arboricultural value that should be retained and protected throughout the development. Veteran trees are automatically awarded 'A' status.

B Retention preferable. Trees of good condition and character which are appropriate for the location and in good physiological and structural condition. These trees should be retained unless they will be a severe impediment to the proposal or there is an overriding public interest that warrants their removal.

C Trees of generally lower arboricultural value by dint of character or condition. 'C' trees should not be a constraint on development.

U Trees that should be removed on arboricultural grounds. Often trees in poor condition can be left 'in situ' until a proposal means the potential target increases, making their removal more urgent or necessary.

Trees are further categorised into sub-categories, using a numerical suffix to denote the following perceived values:

Tree sub-categories in line with BS5837:2010

1. Trees of primarily arboricultural qualities. High value trees might be because they are particularly good examples of their species, because they are rare or unusual or because they are important components of a group feature such as an avenue.

2. Trees of landscape importance – for example, trees of particular visible importance in a setting or view.

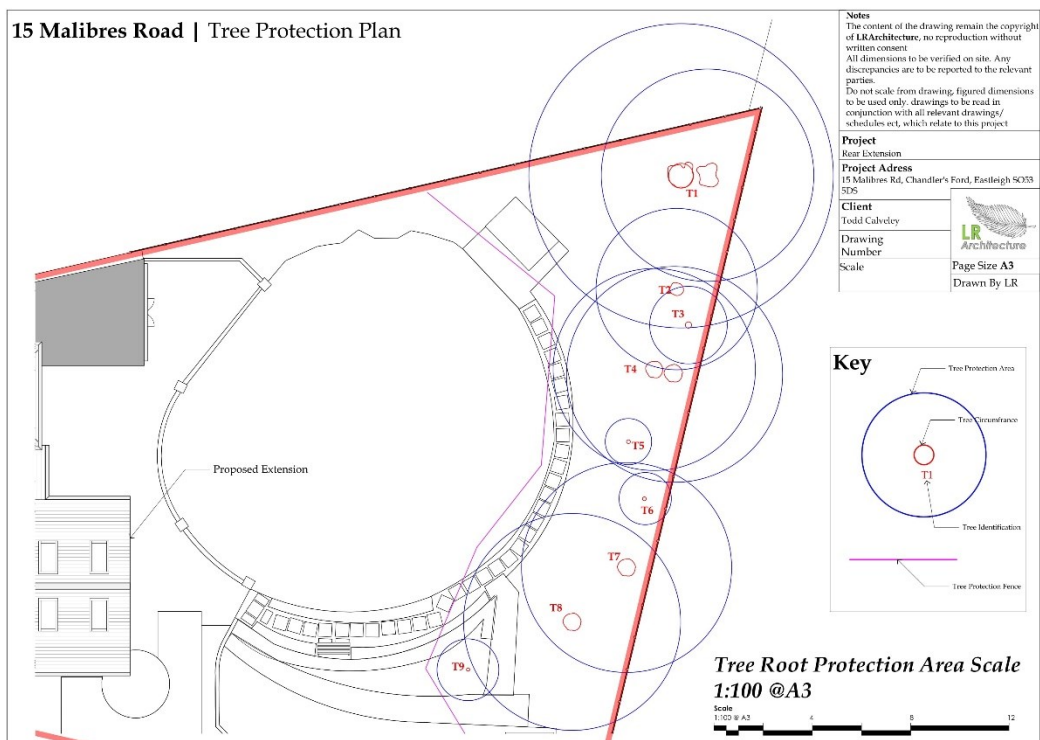
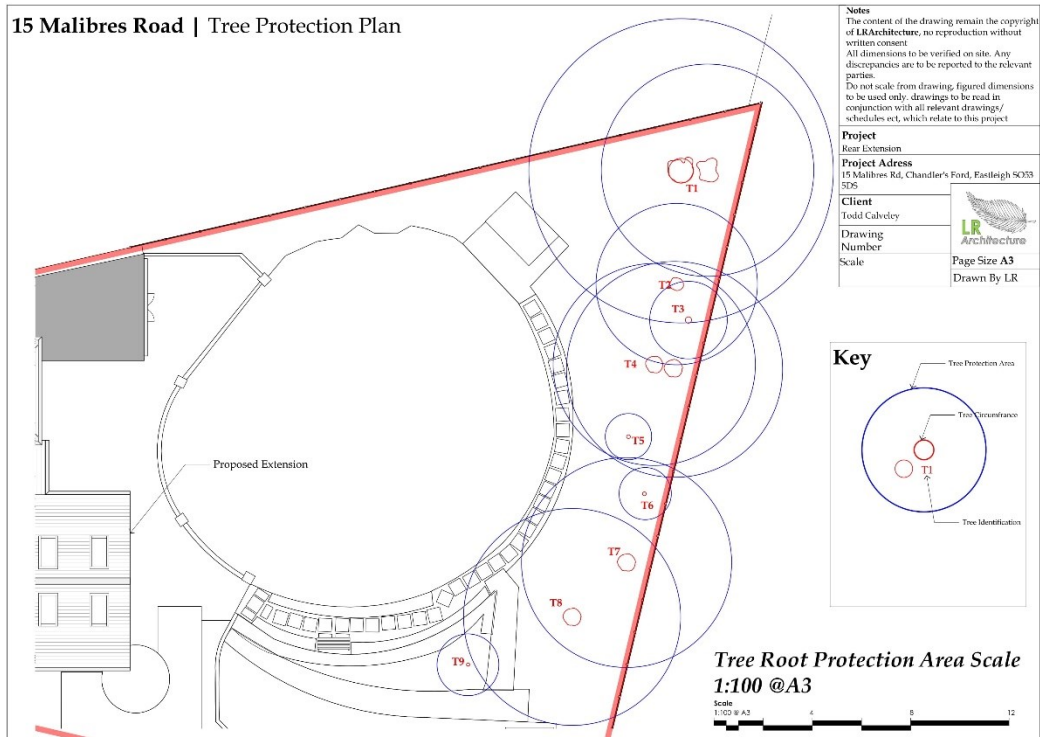
3. Trees of cultural value. This may be due to historic links or conservation value – such as veteran trees or commemorative trees.

Root Protection Areas (RPAs), The RPA is the area in which most tree roots are anticipated to be growing. As root damage is a common cause of tree loss, the RPA is an area of provisional exclusion for construction activity. RPA has been calculated using the diameter of the tree's trunk at 1.5m above ground level. The calculation is the same for all trees, regardless of their age.

For trees with a single stem, the RPA is calculated as an area equivalent to a circle with a radius 12 times the stem diameter.

Trees with a stem diameter of less than 15mm have been ignored

Tree Species	Height mtrs	Stem cms	Sptread mtrs	Age	Condition	Category ERC
T1 English Oak	25	332cm	12	Mature	Good	A.1
T2 Beech	23	161cm	6	Mature	Fair	A.2
T3 Pine	16	75cm	3	Mature	Good	C.2
T4 English Oak	20	226cm	9	Mature	Good	A.1
T5 Pine	15	78cm	3	Mature	Good	C.2
T6 Pine	14	69cm	3	Mature	Good	C.2
T7 English Oak	21	207cm	8	Mature	Good	A.1
T8 English Oka	23	217cm	9	Mature	Good	A.1
T9 Pine	3	48cm	2	Young	Good	C.2



Arboricultural survey summary

All trees are to be retained on the site.

The trees at the rear of the garden form part of a continuous linear group that extends through the adjoining rear gardens, creating a vegetated corridor running from Malibres Road to Thornbury Wood.

It would be normal in these circumstances to develop a Tree Protection Plan. Since the extension works will be 12m away from the closest tree protection root zone it's appropriate that signage to indicate the areas of existing trees to be protected on site will be sufficient.

Tree Preservation Orders and other legal restrictions

There are no TPO's in the site or in the surrounding area and it is not a conservation area.

Services and Utilities,

The foul water on site is directed from the rear of the property to the front of the road. Although there is inspection chambers at the rear of the extension these services will still be well outside of the (RPZ).

Construction Activities

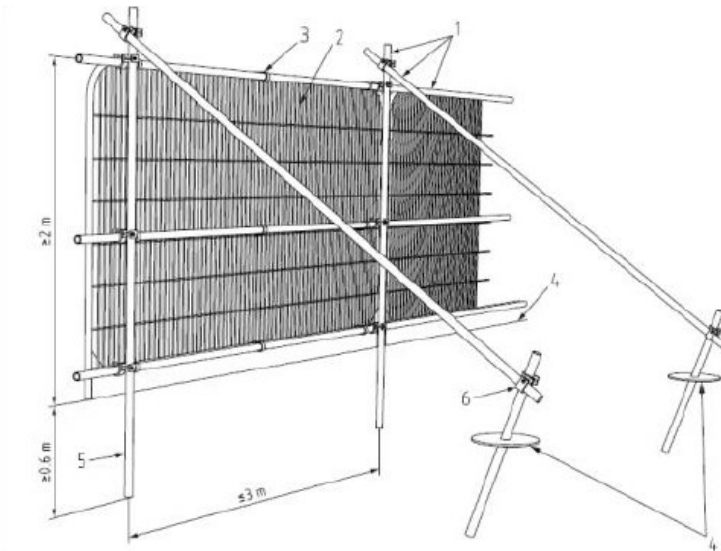
All deliveries, parking, associated vehicle movements, materials storage and handling, and site welfare provision should also respect root protection areas of retained trees.

During the course of works onsite, all potentially tree-harmful operations such as, but not restricted to: the mixing of concrete, cement, paint, stain or adhesives; the storage or handling of tools and materials; the provision of staff welfare facilities such as portable chemical toilets; or the storage of skips and construction waste – should be restricted to areas outside the root protection areas of the retained trees. Particular care should be taken to assess any levels and falls across the site, and to prevent accidental run-off of potentially harmful substances into the root protection areas of the retained trees, and to neighbouring land. Specific areas for the storage and handling of materials, the mixing of products and the disposal of potentially plant-harmful substances should be identified and specifically allocated for these operations and activities. There should be no fires on the site whatsoever.

Fencing

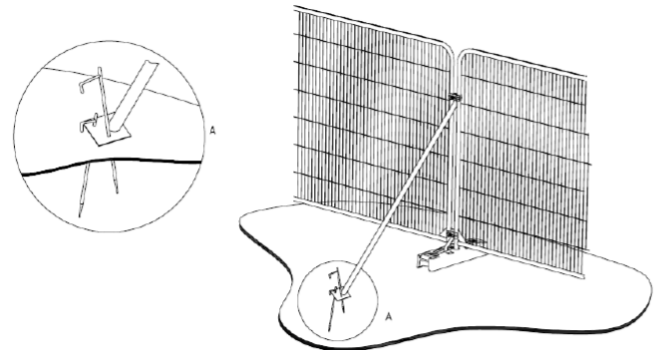
Tree protection will comprise of 2 m tall fencing installed in the positions shown on the plans before materials are delivered to site or construction commences. The fencing will consist of a scaffold framework, well braced to resist impacts, with vertical tubes spaced at a maximum interval of 3 m. Onto this, weld mesh panels or 2 m high shuttering board will be securely fixed with wire or scaffold clamps. Un-

braced weld mesh panels on unsecured rubber or concrete feet will not be used as these are not resistant to impact and are too easily removed by site operatives. A reasonable alternative due to the distance from the area of work would be a clearly marked off area using boundary tape.

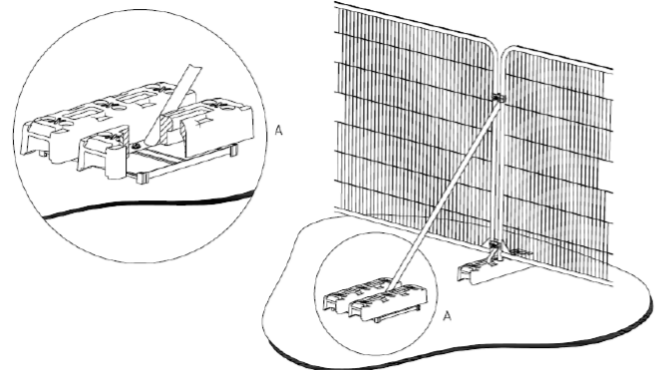


Key

- 1 Standard scaffold poles
- 2 Heavy gauge 2 m tall galvanized tube and welded mesh infill panels
- 3 Panels secured to uprights and cross-members with wire ties
- 4 Ground level
- 5 Uprights driven into the ground until secure (minimum depth 0.6 m)
- 6 Standard scaffold clamps



a) Stabilizer strut with base plate secured with ground pins



b) Stabilizer strut mounted on block tray

Signage

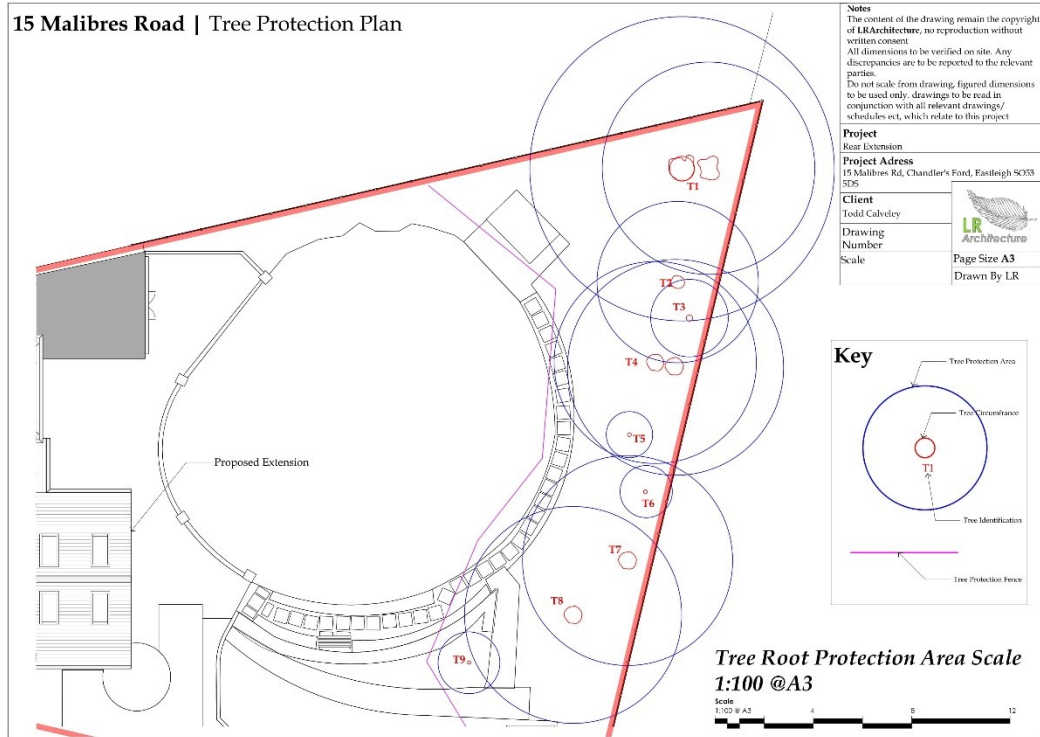
High visibility all weather notices at a size no less than A3 will be securely attached to every second panel of the barriers.



Conclusion

1. The extension works are well outside of the root protection zones.

15 Malibres Road | Tree Protection Plan



2. No services will be installed or altered that are near or within the RPZ
3. No tree removals are required to facilitate the proposed development.
4. The trees to be retained will be protected during development and methods for ensuring their protection have been described.
5. It is considered that the proposed development will pose no threat to trees to be retained and is sympathetic to the leafy character of the area.