

**ARBORICULTURAL REPORT**

**acm**architects ltd.

**147 LYNDHURST ROAD, ASHURST, SOUTHAMPTON  
SO40 7AW**

**PROPOSED REPLACEMENT GARAGE**

**3 Ash Road  
Ashurst  
Southampton  
Hants  
SO40 7AT**

**Report No: 2118-TP10**

## **ARBORICULTURAL IMPLICATION STUDY**

### **General Description of Site and Surroundings**

The site is located on the south side of Lyndhurst Road, the main road running through Ashurst village. The existing property is a substantial detached house which has a modest double garage to the side.

On the front boundary of the property there are two large Oak trees protected by a Tree Preservation Order. We recognise that these are a high amenity value and an important contribution to the environment, and we are seeking to protect them.

### **Description of Proposed Development**

It is proposed to replace the existing garage with a slightly larger double garage in a similar position.

### **Designations Relating to Trees**

The site is situated in the administrative area of New Forest National Park Authority. We understand that the trees are protected by Tree Preservation Orders (TPO ID 1152/15)

### **Implications of the Proposed Development**

The proposed replacement Garage is to be located to the side of the house in the same location as the current garage. It is not in the vicinity of Tree no.T1 and as will be shown, it is also sufficiently remote from tree no. T2 to have no impact upon it.

Every precaution is to be taken to ensure that there are no effects on the well being of the trees during the construction process.

### **Indirect Impacts**

- a) Changes in ground level. There are no significant changes in ground level proposed as the site is relatively flat.
- b) Services. No underground services are to be routed through the exclusion zone. No overhead services are proposed.

### **The Management Implications**

- a) General The trees in question do not require lopping or trimming.
- b) Roads - There are no implications from roads in this project.
- c) Potential Root Damage to Infrastructure Initial investigations indicate that the site is made up of clay soil. Sufficient distance has been provided between trees and structures to prevent direct damage from tree roots.

Given the distance of the proposed garage from the trees no harm will occur from the proposed works.

- d) Potential Nuisance There will be no pressure on the long term future of the trees from the proposed replacement garage. Sunlight to the front garden will be unaffected by the works.
  
- e) Construction/Implementation – Building and Services works can all be carried out without entering exclusion zones as there is adequate space to route new services and rainwater pipes to the new soakaway.

General precautions in storage of mixing of materials that may be injurious to trees will need to be taken. Mixing and storage is therefore to take place in the remaining areas of the garden or in the front of the house.

## **METHOD STATEMENT**

### **Contact Details**

OWNER/DEVELOPER - Mr & Mrs Venables  
147 Lyndhurst Road,  
Ashurst, Southampton, SO40 7AW

ARCHITECT - Mr A MacLean,  
ACM Architects Ltd  
3 Ash Road  
Ashurst  
Southampton, SO40 7AT

LOCAL AUTHORITY CASE OFFICER - To be advised.

### **General**

This document sets out the methodology for all proposed works that affect trees on and adjacent to the site.

Compliance with this method statement will be a requirement of all relevant contracts associated with the development proposals.

### **Fencing**

Before the commencement of any works on site (other than those set out in the schedule of tree works contained in this document), protective fencing will be erected in the positions shown on drawing no. 2118-01-05 (appended to this document). The local planning authority will be notified in writing once the fencing is in place, prior to any site operations.

The fencing will remain in place until completion of the main construction phase and then only removed with the consent of the local planning authority to permit completion of the scheme.

Other than works detailed within this method statement or approved in writing by the local planning authority, no works including storage or dumping of materials shall take place within the exclusion zones defined by the protective fencing.

### **Specification of Protective Fencing**

For areas with only a low level of construction activity, the following fencing should be used:

Chestnut pale fencing (minimum height 1.2 metres) to BS 1722: Part 4 or 1.2 metre high chain link fencing to BS 1722: Part 1 supported by a scaffold framework that is braced to resist impacts. (see figure 1).

For areas with a high level of construction activity, the following fencing should be used:

Exterior grade plywood boards (minimum thickness 20mm) supported by a scaffold framework (minimum height 2.4 metres), braced to resist impacts (see figure 2).

All fencing is to comply with BS5837:2012 see Figure 2 and 3

### **Root Protection Area**

To determine the area needed for a tree to survive and grow, the following formulae has been used.

(Diameter at breast height (1.5 meters) DBH x 12 = root protection area, measured at a radius from the centre of the trunk, where none of the soil within the area of protection has been compromised by existing features.

For individual open grown trees in satisfactory condition, it is generally acceptable to offset the RPA by up to 20% to one side of a tree only. This calculation has been included in the table for information but not used.

### **General Precautions**

Construction traffic will be restricted to the drive.

Clear signage is to be displayed to advise site workers of the purpose and restrictions implied by the protective fencing. (appendix 1, 2 and 3).

No materials that are likely to have an adverse effect on tree health such as oil, bitumen or cement will be stored or discharged within 10 metres of the trunk of a tree that is to be retained.

No fires will be lit within 20 metres of the trunk of any tree that is to be retained.

No vehicle to be parked or driven within the protection zone.

Trees are not to be used as an anchorage or items attached to them (e.g. site notices).

### **Soft Landscaping within Exclusion Zones**

No preparation of ground in these areas is required and they will remain as they are.

### **Arboricultural Works**

The following schedule sets out the proposed work to trees on the site. These will be carried out before commencement of other site operations including erection of protective fencing.

## **Tree Survey**

### **Survey Methodology**

The following tree survey data was collected on 20<sup>th</sup> November 2021 by ground level inspection only.

All height measurements were made using a pocket clinometer and tape measure unless otherwise stated in survey comments.

The position of each tree relevant to the build (designated by numbers) was recorded and these are shown on drawing no. 2118-10

Age groups were recorded as young, middle-aged or mature.

All trees are to be retained.

### **Tree Survey Details**

Please read in conjunction with the enclosed Tree Protection Plan. The Rows and abbreviations used are:-

- Row 1 = Tree Number – Number marked on the submitted plan.
- Row 2 = Species – Species identification is based on visual observations. The Latin binomial and common name if applicable are noted.
- Row 3 = Height is estimated in metres to provide a broad indication of the size of the tree.
- Row 4 = T/dia – Diameter at breast height in mm. Normally 1.5 above ground level. Where trees have multiple stems it is taken above the root flare.
- Row 5 = Branch spread – Approximate branch spread to the four cardinal points of the compass.
- Row 6 = H or L branch – Height of lowest branch.
- Row 7 = Age class – Age class as a representation of passage through normal life cycle.
- Row 8 = Condition/comments – Notes regarding condition, health, required management, aids to identification on site.

Spreads are approximate to the nearest metre unless otherwise stated.

Tree No.	T1	T2
Species	Oak	Oak
Height (m)	18	18
T/dia (cm)	90	100
Branch Spread (m)	N 6.0 E 6.0 S 6.0 W 6.0	N 5.5 E 5.5 S 5.5 W 5.5
H or L branch (m)	4.5	4.5
Age Class	Middle Age	Middle Age
Condition/Comments	Good	Good