



**Title:**

Arboricultural Impact Assessment  
& Method Statement

**Date:**

11 January 2024

**Proposal:**

Construction of replacement garage

**Ref:**

DS/90724/AC

**Address:**

Hatherden House  
Hatherden Avenue  
Poole  
BH14 0PJ

**Client:**

M Andow

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## 1.0 Terms of Reference

- 1.1 Trecall Consulting is instructed by the client to survey the trees at the site and produce an arboricultural impact assessment and method statement for proposed development.

## 2.0 Report Limitations

- 2.1 The guidance in British Standard 5837:2012<sup>1</sup> (“BS 5837”) has been used to appraise the likely impacts of the proposed development on the existing trees and determine appropriate tree protection measures.
- 2.2 Details of my qualifications and experience in arboriculture are included in Appendix A.
- 2.3 The information in this report covers only the trees referred to in Appendix C and is an assessment of their condition on the date of inspection. All observations were from ground level and no samples of trees or soil were taken. No internal investigations of the trees were carried out and no decay diagnostic devices were used.
- 2.4 This report is for the sole use of the client and was produced in line with the above terms of reference. It should not be used for any other purposes or by any other parties.

## 3.0 Introduction

### 3.1 Information Provided

- 3.1.1 The following information was used to prepare this report;

Drawing Title	Drawing Number	Date
Block Plan	2023/10/210 rev P1	Oct 2023

### 3.2 The Proposals

- 3.2.1 The plan shows the existing garage and carport to be removed and replaced with a double garage, which will be connected to the house with a covered walkway in place of an existing lean-to lobby.

### 3.3 Statutory Tree Protection

- 3.3.1 According to the BCP Council website, which was checked on 11 January 2024, the surveyed tree is not protected by a tree preservation order and the

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<sup>1</sup> British Standards Institution, 2012. *Trees in relation to design, demolition and construction – Recommendations*. London: BSI Standards Limited.

host property is not within a conservation area. This means that consent is not required for any work to the tree.

#### **4.0 Tree Survey Findings**

- 4.1 There are no trees on site near to the proposed development but there is one apple tree in the neighbouring garden. The tree was inspected and categorised according to the system set out in BS 5837 and placed in the 'C' category. The survey schedule is included as Appendix C.

#### **5.0 Arboricultural Impact Assessment**

- 5.1 The arboricultural impacts below have been identified by adding details of the surveyed trees onto the proposed layout plan, which is included as plan TC1, Appendix B, and by considering the proposed changes, both in their design and implementation. The impacts must be read in conjunction with the arboricultural method statement included on this plan.
- 5.2 The existing garage on site appears to have substantial foundations, which will have prevented any root development beneath the floor slab. Along the boundary is a 1.8m wall which is likely to have shallow footings of around 150-200mm depth and there is a thick concrete slab within and to the south of the carport, both of which will have restricted root development within the site to some extent. The root protection area of the tree is therefore shown as a polygon to take into account these constraints, which are contrasted with the more favourable growing conditions in the garden of the host property.
- 5.3 The footprint of the proposed garage encroaches into the adjusted root protection area of the tree. This is a small area of around 3m<sup>2</sup> and, as mentioned above, it seems unlikely that there will be any substantial roots present. The foundation trench along the rear elevation will need to be excavated by hand in order to minimise damage to roots but, because of the small area involved and low likelihood that any significant roots will be present, there is no need to employ any specialist foundation design.
- 5.4 The boundary wall will provide a physical barrier to prevent any construction activity straying onto open ground within the tree's root protection area and therefore there is no need for any protective fencing to be installed. Incoming services and drainage can be connected to the house services, though if a new soakaway is required for rainwater disposal this can be accommodated within the driveway without needing any excavation within tree root protection areas.

Andrew Cleaves  
BA (Hons), Dip Arb L6 (ABC), MArborA

Arboricultural Consultant



## Appendix A: Qualifications and Experience

### **Andrew Cleaves** **BA (Hons), Dip Arb L6 (ABC), MArborA**

Andrew has achieved the Awarding Body Consortium Level 6 Diploma in Arboriculture, which is endorsed by the Royal Forestry Society and is the premier qualification within the arboricultural profession. He also holds the Royal Forestry Society Certificate in Arboriculture, the Arboricultural Association Technician's Certificate in Arboriculture and the LANTRA professional tree inspection certificate. He is a Professional member of the Arboricultural Association.

He has worked in the arboricultural industry for 15 years, beginning at Bournemouth Borough Council where he was part of the development management team providing advice and guidance regarding trees and construction and dealing with all aspects of the management of protected trees.

In 2015 Andrew joined Trecall Consulting as an Arboricultural Consultant, bringing his public sector planning and enforcement expertise to the private sector.

The information presented in this report is based on the information provided and site observations. Conclusions and recommendations are the result of experience within the arboricultural industry.



## Appendix B: Plans

**Title:** Plan TC1, Tree Protection Plan and Arboricultural Method Statement  
**Date:** 11 January 2023  
**Scale:** 1:100 @ A1



## Appendix C: Tree Survey Schedule

### Key:

<b>Tree no</b>	Number assigned to tree from survey. Refer to plan for tree location.	
<b>Species</b>	Tree species, identified as clearly as possible according to common or botanical name.	
<b>Stem diameter</b>	Stem diameter measured in millimetres, to the nearest 10mm, taken at 1.5m above ground level, unless indicated otherwise within 'Observations'. Estimated measurements are indicated with an asterisk (*).	
<b>Canopy spread</b>	Extent of crown spread in the four cardinal directions.	Measurements are estimated to the nearest half metre for dimensions up to 10m and the nearest whole metre for dimensions over 10m.
<b>C Ht</b>	Crown height above ground level.	
<b>Ht</b>	Height.	
<b>Life Stage</b>	Estimated age of the tree. Chosen from the following categories:	
	<b>Young:</b> Tree only recently planted or established.	
	<b>Semi Mature:</b> Established tree, in the first third of its safe useful life.	
	<b>Early Mature:</b> Tree in the middle third of its safe useful life, still with significant capacity for future growth.	
	<b>Mature:</b> Tree in the last third of its safe useful life and with no significant capacity for future growth.	
	<b>Over Mature:</b> Tree nearing the end of its safe useful life expectancy.	
<b>Observations</b>	Tree issues and general comments along with any appropriate management requirements.	
<b>BS Cat</b>	Category to which tree has been assigned, according to Table 1 – 'Cascade chart for tree quality assessment' – of BS5837, as follows:	
	U	Those in such a condition that they cannot realistically be retained as living trees in the context of the current land use for longer than 10 years
	A	<b>Trees of high quality</b> with an estimated remaining life expectancy of at least 40 years
	B	<b>Trees of moderate quality</b> with an estimated remaining life expectancy of at least 20 years
	C	<b>Trees of low quality</b> with an estimated remaining life expectancy of at least 10 years, or young trees with a stem diameter below 150mm
	Subcategories 1, 2 & 3 indicate that a tree has been categorised based on mainly arboricultural qualities, landscape qualities or cultural values, including conservation, respectively.	
<b>RPA</b>	Minimum root protection radius in metres and area in square metres. The RPA is depicted as a circle in most cases but may be a polygon with equivalent area if site conditions indicate that rooting is likely to have occurred asymmetrically.	



**Tree Survey Schedule**

**Survey Date:** 8 January 2024

Tree no	Species	Stem diameter	Canopy spread				C Ht	Ht	Life stage	Observations	BS Cat	RPA	
			N	E	S	W						m	m <sup>2</sup>
1	Apple <i>Malus domestica</i>	150, 200, 250	3	1	3	3	2	5	Early mature	Three stems from near ground level. Crown previously pruned back to boundary and to 2m spread and 4m height - large pruning wounds.	C1	4.2	55

Tree Survey Schedule

V1. 12.1 ac  
V2.  
V3.

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