



Title:

Arboricultural Impact Assessment
& Method Statement

Date:

7 November
2022

Proposal:

Front extension and new garage

Ref:

DS/54422/AC

Address:

70 Lakewood Road
Chandlers Ford
SO53 5AA

Client:

D Burns

22 Lacey Crescent
Poole, BH15 3NZ

T: 01202 462602

E: info@treecall.co.uk

W: www.treecall.co.uk

Contents	Page
1.0 Terms of Reference	1
2.0 Report Limitations	1
3.0 Introduction	1
4.0 Tree Survey Findings	2
5.0 Arboricultural Impact Assessment	3
 Appendices	
A Qualifications & Experience	4
B Plan TC1, Tree Protection Plan & Arboricultural Method Statement	5
C Contact Information & Supervision	6
D Tree Schedule	7



1.0 Terms of Reference

- 1.1 Treecall 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 5837:2012¹ 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 D 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
Existing Site Plan	MS - 100	27/08/22
Proposed Site Plan	P - 100	
Existing Ground Floor Plan	MS - 101	
Proposed Ground Floor Plan	P - 101	

3.2 Site Inspection

- 3.2.1 I visited the site on 13 March 2019. Weather conditions were clear, dry and breezy. Visibility was reasonable.

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

3.3 Brief Site Description

- 3.3.1 The site is a rectangular plot situated on the east side of Lakewood Road. There is a detached dwelling in the centre with parking to the front and garden to the rear. There is a dense group of trees between the front boundary and parking area.

3.4 The Proposals

- 3.4.1 The layout shows an extension to the front of the dwelling and a new detached garage.

3.5 Statutory Tree Protection

- 3.5.1 All trees are a material planning consideration. The trees on or adjacent to the site may be protected by a tree preservation order or located within a conservation area. This should be checked with the local planning authority before any tree work is carried out. The arboricultural method statement attached to this report may include work to protected trees, consent for which is deemed to be granted if it is approved as part of a planning permission.

4.0 Tree Survey Findings

- 4.1 Seven individual trees at the front of the site were inspected and categorised according to the system set out in British Standard 5837:2012. Not all of the trees in this area were surveyed as not all were relevant to the original development proposal. Two trees (T8 & T9) that were not surveyed but are relevant to this proposal are also shown on the site plan – the trees' stem diameters are taken from the survey data included on the architect's site plan.
- 4.2 British Standard 5837:2012 provides a classification of trees according to the value of each in providing a positive feature on the site at an acceptable risk. The classification allows very good trees to be identified as 'A' category trees and 'B' category trees as those which are of slightly impaired condition but still of good quality.
- 4.3 'C' category trees are those of low quality that could be retained but are often not of sufficient value to be appropriate constraints on proposals for the site; 'U' category trees are identified as those that have less than 10 years' worthwhile life left.
- 4.4 Trees T4 & T6 are in the 'C' category and the remainder are all in the 'B' category. Details of all these trees are included in Appendix D.

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 Implementation of the proposed development does not require any trees to be felled or pruned.
- 5.3 The proposed garage will be situated partially within the root protection areas of T1 & T9 and therefore excavation for the footings could result in damage to roots. The affected area is very small, representing between 2 and 3% of the trees' root protection areas so any impact is not likely to be significant, however the excavation will need to be carried out carefully by hand to minimise any damage.
- 5.4 Potential impacts associated with general construction activities can be managed effectively with the installation of tree protection fencing and temporary ground protection and by ensuring that areas for material storage, cement mixing and new underground services are located outside of 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 14 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 Treecall 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: Plan TC1

Plan TC1

Title: Plan TC1, Tree Protection Plan and Arboricultural Method Statement
Date: 3 November 2022
Scale: 1:100 @ A1



Appendix C: Contact Information and Supervision

C1 Contact information (complete as required):

Role	Company / Organisation	Name	Phone Number
Contractor			
Architect	King Architecture & Design	Sam King	07955 742966
Arboricultural Consultant	Treecall Consulting Ltd	Andrew Cleaves	01202 462602
Planning Officer	Eastleigh Borough Council		023 8068 8264
Arboricultural Officer			

C2 Supervision & Arboricultural Support

C2.1 The project arboriculturist must supervise or be involved at the following points in the construction process;

Operation / stage	TC Ref	Date Issued
Pre-commencement site meeting.		
Excavation within tree root protection areas.		
Planning of underground services.		
As any other arboricultural issues arise.		

C2.2 Following each site visit a site note must be issued to the client and the local planning authority.



Appendix D: Tree Schedule

Key:

Tree no.	Number assigned to tree from survey. Refer to plan for tree location.	
Species	Tree species, identified as clearly as possible according to common or botanical name.	
Stem diameters	Stem diameter measured in millimetres, to the nearest 10mm, and number of stems, taken at 1.5m above ground level, unless indicated otherwise within 'Note'.	
Canopy spread	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.
C Ht	Crown height above ground level.	
Ht	Height.	
Life Stage	Estimated age of the tree. Chosen from the following categories;	
	Young: Tree only recently planted or established.	
	Semi Mature: Established tree, still young and in the first third of its safe useful life.	
	Early Mature: Tree in the middle third of its safe useful life, still with significant capacity for future growth.	
	Mature: Tree in the last third of its safe useful life and with no significant capacity for future growth.	
	Over Mature: Tree nearing the end of its safe useful life expectancy.	
Observations	Tree issues and general comments along with any appropriate management requirements.	
BS Cat.	Relates to Table 1 of BS5837:2012 'Trees in relation to design, demolition and construction - Recommendations'	
	A: Trees of high quality with an estimated remaining life expectancy of at least 40 years.	
	B: Trees of moderate quality with an estimated remaining life expectancy of at least 20 years.	
	C: Trees of low quality with an estimated remaining life expectancy of at least 10 years.	
	U: Trees that have an expected safe useful life of less than 10 years regardless of any development proposals.	
	1, 2, 3: Sub-categories relating to tree, landscape or cultural values.	
RPA	Minimum root protection radius in metres.	
Site Visit	13 March 2019	
Weather	Clear and dry with a steady breeze. Visibility reasonable.	



Tree Schedule

Tree no.	Species	Stem diameters (mm)			Canopy spread (m)				C Ht (m)	Ht (m)	Life stage	Observations	BS Cat	RPA (m)
		(mm)	No of Stems	Note	N	E	S	W						
1	English oak <i>Quercus robur</i>	650	1	@ 1.5m	3	7	6	1	7.5	27	Early mature	Straight stem. No apparent defects.	B1	7.8
2	English oak	420	1	@ 1.5m	3	6	3	0	8	27	Semi mature	Codominant stems above tensile fork at 5m above ground level.	B1	5.0
3	English oak	560	1	@ 1.5m	4	4	4	6	8	27	Early mature	Straight stem. No apparent defects.	B1	6.7
4	English oak	350	1	@ 1.5m	2	2	2	2	5	18	Semi mature	Top lost, no crown. Recorded spread all from epicormic growth.	C1	4.2
5	English oak	530	1	@ 1.5m	3	7	6	3	6	27	Early mature	Straight stem. No apparent defects.	B1	6.4
6	English oak	550	1	@ 1.5m	3	6.5	7.5	0	8	26	Early mature	Straight stem. Crown formed of two scaffold limbs projecting east and south.	C1	6.6
7	English oak	600	1	@ 1.5m	6	8	6	0	5	27	Early mature	On adjacent land. No access to base. Straight stem. No apparent defects.	B1	7.2
8	English oak	450	1	Estimate	-	-	-	-	-	-	Early mature	Not surveyed. Stem diameter taken from site survey data.	B1	5.4

Tree Schedule

Tree no.	Species	Stem diameters (mm)			Canopy spread (m)				C Ht (m)	Ht (m)	Life stage	Observations	BS Cat	RPA (m)
		(mm)	No of Stems	Note	N	E	S	W						
9	English oak	1450	1	Estimate	-	-	-	-	-	-	Mature	Not surveyed. Stem diameter taken from site survey data.	B1	15.0

Tree Schedule

V1. 7.11 ac
V2.
V3.

22 Lacey Crescent
Poole BH15 3NZ
T: 01202 462602
E: info@treecall.co.uk
W: www.treecall.co.uk

